MOTOR VEHICLE DEATHS, MILEAGE, AND RATES BY MONTH

Month	Traffic Deaths					1986 Percentages		
	1982	1983	1984	1985	1986	Percent Deaths	Percent Miles Driven	Death Rate*
January.....	98	113	93	108	86	5.3	8.0	1.5
February....	79	94	84	91	77	4.7	7.8	1.4
March.....	93	83	104	77	103	6.3	8.1	1.7
April.....	91	91	94	133	127	7.8	8.3	2.2
May.....	114	91	125	137	131	8.0	8.3	2.2
June.....	121	127	143	167	175	10.7	8.5	2.9
July.....	154	121	175	146	186	11.4	8.8	3.0
August.....	153	117	174	136	176	10.8	9.0	2.7
September...	128	131	135	131	131	8.0	8.5	2.2
October.....	144	153	153	135	144	8.8	8.4	2.4
November....	131	115	134	161	159	9.8	8.2	2.7
December....	111	95	142	147	137	8.4	8.1	2.4
TOTALS.....	1,417	1,331	1,556	1,569	1,632	100.0	100.0	2.3

*Deaths per 100 million vehicle miles.

In 1986 the highest death total was in July. Over the five year period July had the highest average, followed by August.

MOTORCYCLE AND MOTOR SCOOTER DATA

Motorcycle & Motor Scooter Data	1982	1983	1984	1985	1986
Registrations.....	230,794	219,929	212,613	203,226	183,933
Deaths.....	119	115	151	142	110
Death Rate*.....	5.2	5.2	7.1	7.0	6.0
Estimated Mileage**(millions)..	692,382	659,787	637,839	609,678	551,799
Death Rate***.....	17.2	17.4	23.6	23.3	20.0

*Based on 10,000 cycle registrations.
**Based on 3,000 miles per cycle.
***Based on deaths per 100 million vehicle miles traveled.

Motorcycle registrations in 1980 were at a peak with the following years reflecting a gradual decline; 1986 showed a 9.5 percent decrease from 1985, this compared with a 1.3 percent increase in total motor vehicle registrations.

Based on deaths per 10,000 registrations, the mortality rate for motorcycles is 6.0 while deaths for all vehicles is 2.3 per 10,000 registered.

There are no accurate mileage figures for motorcycles, but estimates range from 3,000 to 5,000 miles per year for personal cycles. Such figures indicate that the mileage death rate, based on rider deaths only, may range between 12.0 and 20.0 (deaths per 100 million vehicle miles of travel). This compares with the 1986 death rate for all motor vehicles of 2.3 per 100 million miles which includes pedestrian and other non-occupant deaths among total deaths. There were 1,030 moped involved accidents; in those accidents, 5 persons were killed and 929 were injured.

Detailed information can be obtained on 1986 Michigan Motorcycle and Motor Scooter Data by contacting the Michigan Department of State Police, Traffic Services Division.

MICHIGAN BICYCLE ACCIDENTS

In 1986, there were 48 bicyclists killed and 3,787 injured in 4,483 total reported accidents involving bicycles and motor vehicles. The number killed was 2 more than in 1985, and the injuries recorded were 0.1 percent higher.

Children under 15 years of age accounted for 22 or 45.8 percent of the bicycle deaths in 1986.

Generally, three out of five bicyclists are killed in rural areas. In 1986, rural deaths were 26 and there were 22 in urban areas. Past experience indicates that urban areas have two to three times as many bicycle injuries and total reported accidents compared with rural experience and this was true again in 1986.

Age of Bicyclist Killed	1982	1983	1984	1985	1986
0 - 4 years	0	1	1	1	0
5 - 9 years	9	5	6	13	8
10 - 14 years	19	15	19	11	14
15 - 19 years	9	8	4	6	10
20 - 24 years	3	3	4	3	2
25 - 34 years	5	4	7	4	4
35 - 44 years	0	1	3	3	1
45 - 54 years	2	3	0	0	2
55 - 64 years	2	2	0	3	1
65 - 74 years	0	0	0	2	1
75 and over	1	3	3	0	5
Not Stated	0	0	0	0	0
TOTALS	50	45	47	46	48

Age of Bicyclist Injured	1982	1983	1984	1985	1986
0 - 4 years	40	50	55	61	47
5 - 9 years	528	523	535	576	636
10 - 14 years	1,291	1,273	1,266	1,318	1,374
15 - 19 years	888	900	874	814	790
20 - 24 years	346	399	341	356	333
25 - 34 years	282	358	328	364	314
35 - 44 years	113	110	104	118	146
45 - 54 years	33	44	47	65	51
55 - 64 years	35	27	41	42	25
65 - 74 years	16	24	28	23	31
75 and over	9	12	8	11	11
Not Stated	36	26	30	37	29
TOTALS	3,617	3,746	3,657	3,785	3,787

Detailed information can be obtained on Michigan Bicycle Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

MICHIGAN RAILROAD ACCIDENTS

Of the 287 grade crossing accidents which happened in Michigan during 1986, 21 were fatal accidents in which 22 persons were killed. Approximately 75 percent of the vehicles struck were passenger cars; the rest were mostly trucks, with the remainder including 9 motorcycles and 1 bus.

Three out of four drivers involved in these accidents were local residents who either drove too fast and were unable to stop or disregarded a traffic signal or sign.

During the daylight hours 142 or 49.5 percent of the train accidents occurred.

Detailed information can be obtained on Michigan Railroad Accidents by contacting the Michigan State Police, Traffic Services Division.

MICHIGAN MOTOR VEHICLE-DEER INVOLVED/ASSOCIATED ACCIDENTS

Michigan had 34,252 reported motor vehicle-deer accidents during 1986 in which 5 persons were killed as a result of the collision. Over 75 percent of the vehicles involved were passenger cars.

Accidents involving deer occurred most frequently during the fourth quarter (54%) and the second quarter (18%) of the year for a total of 72 percent of all car-deer collisions.

Over 62 percent of the drivers involved were local residents with 70.0 percent of the accidents occurring during hours of darkness.

Contrary to common belief, motor vehicle-deer accidents are happening in Michigan's southern, heavily populated counties; Kent County had the highest with 1,177 such accidents in 1986.

Detailed information can be obtained on Motor Vehicle-Deer Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

MICHIGAN FARM EQUIPMENT ACCIDENTS

A total of 394 accidents involving farm equipment were reported on Michigan roadways during 1986. Of these accidents, 348 were the result of a collision with another vehicle. In 96 of these accidents, both vehicles were traveling in the same direction resulting in a rear end collision. Of the total accidents, 76.6 percent happened during daylight hours and 74.9 percent happened on dry roads.

Farm equipment accidents claimed the lives of 7 persons on Michigan roadways during 1986. Five of the persons killed were drivers or passengers on the farm equipment and were killed in collisions with another motor vehicle. Of the drivers involved in farm equipment accidents, 83 percent were males.

Detailed information can be obtained on Michigan Farm Equipment Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

SNOWMOBILE ACCIDENTS

Type of Accident	1985-1986 Total*	Number of Accidents Fatal	Injury	PD	Number of Persons Killed	Injured	1984-1985 Accidents	Killed	Injured
Overturned	68	0	66	2	0	69	36	3	37
Other Non-collision	50	0	50	0	0	53	40	2	41
Collision with:									
Pedestrian	6	0	6	0	0	6	14	1	17
Motor Vehicle in Transport	159	4	102	53	4	138	164	5	118
Motor Vehicle/Other Roadway	0	0	0	0	0	0	0	0	0
Parked Motor Vehicle	18	1	12	5	1	13	33	5	25
Railroad Train	2	1	1	0	2	1	2	0	0
Pedalcycle	0	0	0	0	0	0	0	0	0
Animal	6	0	2	4	0	2	4	0	2
Fixed Object	94	5	79	10	5	87	94	2	84
Other Object	4	1	2	1	1	2	0	0	0
TOTALS	407	12	320	75	13	371	387	18	324

*Includes 232 Traffic Accidents - 175 Non-Traffic Accidents.

Reflecting the ongoing interest in the sport, snowmobile accidents fell within the norm showing slight variations over the previous snow season with total accidents up 3.9 percent, deaths down 27.8 percent, and injuries up 14.5 percent. Statistics show Michigan had 69,251 registered snowmobiles during the 1968-1969 snow season. The latest statistics now show Michigan has registered 118,641 snowmobiles, a drop of 58.7 percent from last year.

Snowmobiles in the state of Michigan are not a passing fancy to be dealt with lightly; their popularity has brought with it many complications, particularly those pertaining to safe operation. There must be continuous concern to improve the safety for all persons involved in snowmobiling.

Detailed information can be obtained on 1986 Michigan Snowmobile Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

OPERATION C.A.R.E.

In 1986 Operation C.A.R.E. was funded by a federal highway safety grant of $350,000 from the Office of Highway Safety Planning. Operation C.A.R.E. provided 4,429 hours of additional traffic patrol time over the Memorial Day, Fourth of July, and Labor Day Weekends. During the three weekend periods, the increased patrols resulted in contacts with 43,000 motorists. Troopers issued 26,730 traffic citations, arrested 590 drugged or intoxicated drivers, and assisted 4,637 motorists.

In December 1986 Michigan State Police joined 40 other states in an enforcement program as part of our observance of National Drunk and Drugged Driving Awareness Week. Troopers arrested 78 people for O.U.I.L./D. during the thirteen hour period.

HOLIDAY DEATH COUNT

	Year	Memorial Day	July 4th	Labor Day
	1974.....		34	25
	1975.....	28	27	25
	1976.....	34	19	31
	1977.....	32	34	18
	1978.....	25	23	31
C	1979.....	17	12	31
	1980.....	23	25	26
A	1981.....	12	22	17
	1982.....	9	30	21
R	1983.....	13	22	17
	1984.....	18	8	19
E	1985.....	23	17	17
	1986.....	16	23	21

OCCUPANT RESTRAINTS

	Total Occupants		Occupants In Fatal Accidents		Occupants In Injury Accidents		Occupants Prop. Damage Accidents	
Using Restraints.....	730,115	78.0%	1,367	40.0%	197,988	71.0%	530,760	81.2%
Not Using Restraints.....	154,305	16.5%	1,804	52.8%	66,943	24.0%	85,558	13.1%
Usage Unknown.....	51,781	5.5%	248	7.2%	14,029	5.0%	37,504	5.7%
TOTAL OCCUPANTS.....	936,201		3,419		278,960		653,822	

Since April 1982, Michigan has had a child restraint law, and in July of 1985 a mandatory restraint law went into effect for all front seat occupants. Other countries have been very successful in further reducing the number of deaths and injuries due to traffic accidents by passing laws requiring all vehicle occupants to be restrained.

In reviewing the Michigan restraint data, it is obvious that there is still a need for more voluntary compliance in restraint usage. Of the total occupants involved in accidents, 77.8 percent were using restraints, up from 55.2 percent in 1985. Public attitudes must change; the approach is a long term comprehensive, informational and educational program designed to impact an entire population through small group communication techniques.

MONTHLY PERCENTAGE OF OCCUPANT RESTRAINT USAGE

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1978....	15.7	14.5	13.6	12.7	12.8	12.3	12.2	11.7	11.9	11.7	12.2	12.0	12.8
1979....	12.8	11.8	11.6	10.8	11.0	10.5	10.6	10.8	10.8	10.6	11.2	11.3	11.2
1980....	11.0	10.9	11.1	10.3	9.0	8.2	9.6	9.9	10.4	10.8	10.7	11.1	10.3
1981....	11.1	11.1	10.9	10.2	10.1	10.5	10.9	10.5	11.5	11.4	11.3	12.4	11.1
1982....	13.4	13.8	13.8	15.7	15.3	15.1	15.4	14.9	15.8	15.6	17.3	16.5	15.1
1983....	16.8	17.0	17.1	17.2	17.6	17.5	18.1	18.1	17.8	18.9	20.2	20.8	18.2
1984....	21.0	20.4	20.8	20.6	20.9	20.7	22.5	22.6	23.4	24.0	25.5	27.1	22.8
1985....	28.9	28.6	31.0	31.6	31.1	34.9	75.0	73.8	73.4	77.2	78.2	79.4	55.2
1986....	79.2	79.5	77.6	77.2	77.5	77.0	77.0	76.4	77.5	78.4	79.4	79.0	77.8

1986
REPORTED RESTRAINT USAGE (PERCENT) BY COUNTY
JANUARY-DECEMBER

1986 - Average Statewide Restraint Usage was 77.8% (as Reported).

1985 - Average Statewide Restraint Usage was 55.2% (as Reported).

Highlighted Counties had Seatbelt Usage Rates Above (or Tied With) the 1986 Statewide Usage Rate Level.

1986
RESTRAINT USAGE (PERCENT)
BY FATAL "OCCUPANT" VICTIMS BY COUNTY

% of Fatal Occupants Wearing Seatbelts
Number of Fatal "Occupants"

The Average Statewide Seatbelt Usage (by Percent) Among Fatal Vehicle Occupants in 1986 was 24.9%.

AGE OF MAJORITY ACCIDENT DATA

18-20 Year-Olds

One of the most publicized aspects of the drinking and driving problem has been the emphasis on the "young driver," 18 to 20 years of age. Very diverse opinions as to the significance of the data exist among the concerned interest groups. Michigan's legal drinking age returned to 21 in 1979.

The Michigan data reveals that the young drivers are continuing their downward trend (80-86) of involvement in alcohol-involved accidents and O.U.I.L. arrests; this counters an upward trend established in the mid- to late 1970s. The push to remove drunk drivers from the roadways, as viewed by the numbers of O.U.I.L. arrests in 1983 and '84, lost steam in 1985 and 1986 as many reductions in manpower and funding took their toll.

In an attempt to display the most pertinent information for this publication, the following schedules have been selected from the complete study.

DRINKING DRIVERS INVOLVED IN ACCIDENTS

	18 - 20 YEARS				ALL AGES			
ACCIDENT TYPE	1984	1985	1986	85-86 % Change	1984	1985	1986	85-86 % Change
All	5,816	4,980	5,001	+ 0.4	40,753	39,685	39,626	- 0.1
Fatal	100	68	120	+76.5	671	639	706	+10.5
Injury	2,764	2,283	2,317	+ 1.5	19,196	17,935	18,055	+ 0.7
Property Damage	2,952	2,629	2,564	- 2.5	20,886	21,111	20,865	- 1.2

ALL DRIVERS INVOLVED IN ACCIDENTS

	18 - 20 YEARS				ALL AGES			
ACCIDENT TYPE	1984	1985	1986	85-86 % Change	1984	1985	1986	85-86 % Change
All	72,030	81,356	80,711	- 0.8	563,543	658,000	679,235	+ 3.2
Fatal	270	254	254	0.0	2,115	2,189	2,234	+ 2.1
Injury	22,881	23,543	23,471	- 0.3	177,104	189,914	191,318	+ 0.7
Property Damage	48,879	57,559	56,986	- 1.0	384,324	465,897	485,683	+ 4.2

DRINKING DRIVERS IN PERCENT OF ALL DRIVERS INVOLVED IN ACCIDENTS

	18 - 20 YEARS				ALL AGES			
ACCIDENT TYPE	1984	1985	1986	85-86 % Change	1984	1985	1986	85-86 % Change
All	8.1	6.1	6.2	+ 0.1	7.2	6.0	5.8	- 0.2
Fatal	37.0	26.8	47.2	+20.4	31.7	29.2	31.6	+ 2.4
Injury	12.1	9.7	9.9	+ 0.2	10.8	9.4	9.4	0.0
Property Damage	6.0	4.6	4.5	- 0.1	5.4	4.5	4.3	- 0.2

DRIVERS ARRESTED FOR OPERATING UNDER THE INFLUENCE OF LIQUOR (O.U.I.L.)

	18 - 20 YEARS				ALL AGES			
ARRESTS	1984	1985	1986	85-86 % Change	1984	1985	1986	85-86 % Change
Total	8,276	6,795	6,612	- 2.7	79,812	72,533	71,512	- 1.4
Male	7,224	5,893	5,827	- 1.1	70,166	63,570	62,993	- 0.9
Female	1,052	902	785	-13.0	9,646	8,963	8,519	- 5.0

BREATH TESTING

Act No. 253, Public Acts of 1967, which became effective November 2, 1967, created "Implied Consent" in Michigan.

Under the National Highway Safety Act, the Federal government provided Michigan with financial assistance to purchase breath testing equipment and train officers in the use of the equipment. A training program was initiated with the cooperation of Michigan State University, Michigan Department of Public Health, Michigan Law Enforcement Officers Training Council, and the Michigan Department of State Police. Training consisted of a comprehensive 40-hour course which was conducted at Michigan State University.

Michigan State University ceased active participation in the program in October, 1978, and the Department of Public Health and Department of State Police continued to train officers, through cooperative efforts, at the Michigan State Police Training Academy and the Detroit Metropolitan Police Academy. Effective April 1, 1981, the Legislature delegated the responsibility of certifying all breathalyzer equipment and operators to the Department of State Police. All basic schools are now conducted by Michigan State Police personnel at the Michigan State Police Academy and at Regional Training Centers.

Police agencies from throughout Michigan participate in the program. Through December, 1986, 6,538 officers were trained. In addition to the initial training program, officers are required to be recertified biennially during one-day regional sessions to maintain their proficiency of operation and to keep abreast of the many changes in law and procedures. Currently there are nearly 2,300 active operators.

Initially, 246 breathalyzers and 248 simulators were received during the grant period. In 1979 an additional 156 breathalyzers were purchased and distributed to participating agencies. All units are maintained and serviced through a scheduled program by certified inspector-operators from the Michigan State Police and Detroit Police Department.

Test Results	Number of Tests	% of Total Tests	% of Arrests
.00 to .07.....	1,130	2.0	
.08 to .099.....	1,826	3.3	
.10 to .149.....	19,098	34.1	
.15 and over.....	33,908	60.6	
Total breath and blood tests**..	55,962	100.0	78.3
Total tests refused*.....	15,550		21.7
Total persons arrested.....	71,512		100.0

*Based on refusal forms received by Department of State (includes information on certificates of conviction).
**Blood test results available as of April, 1983.

Blood-alcohol levels of .04 are definitely associated with increased accident involvement according to studies. When the alcohol level reaches .06, the probability of having an accident is twice that of the no-alcohol level, at .10 the probability is six times greater, and at .15 it is 25 times greater than if the driver were sober.

O.U.I.L. arrests decreased in 1986, 1.4 percent fewer than in 1985. In 1986 there were 13,509 arrests for drunk driving made at accident scenes.

1986 DRIVER INFORMATION

While the crash phase and post-crash phase are important for the prevention of injury and death in all age groups, the pre-crash phase is especially critical among young drivers. What are his attitudes, motivations, perceptions, and reactions behind the wheel in the critical minutes and seconds before the "point-of-no-escape"? Excessive speed and loss of control, etc., may occur at any age, but never more than among young drivers.

Effective October 6, 1980, legislation was passed which removed the requirement for a road test from students who had successfully completed a Driver Education Course.

Sex of Driver	Total	NUMBER OF DRIVERS Fatal	Injury	Prop. Damage
Male.....	444,737	1,703	120,643	322,391
Female.....	234,498	531	70,675	163,292
TOTALS.....	679,235	2,234	191,318	485,683

Age of Drivers	Fatal Accident Drivers 1985	1986	Percent Change	Percent 1986 Fatal Accident Involvement	*Percent Driving Population
16 years and under...	80	76	- 5.0	3.4	2.3
17 years.....	69	78	+13.0	3.5	1.8
18 - 19 years.....	170	174	+ 2.4	7.8	4.0
20 - 24 years.....	408	399	- 2.2	17.8	12.0
Group Sub-total.....	727	727	0.0	32.5	20.1
25 - 34 years.....	548	559	+ 2.0	25.0	25.7
35 - 44 years.....	318	348	+ 9.4	15.6	19.2
45 - 54 years.....	188	191	+ 1.6	8.6	12.2
55 - 64 years.....	159	159	0.0	7.1	11.3
65 - 74 years.....	97	117	+20.6	5.2	7.8
75 years and over....	88	94	+ 6.8	4.2	3.7
Not Stated.....	64	39	-39.1	1.8	-
Group Sub-total.....	1,462	1,507	+ 3.1	67.5	79.9
TOTAL DRIVERS.....	2,189	2,234	+ 2.1	100.0	100.0

*Based on 1986 Secretary of State driver license data.

1982-1986 TOTAL PERSONS KILLED

Age of Person	1982	1983	1984	1985	1986
0 - 4 years.....	22	23	29	35	28
5 - 9 years.....	37	35	37	57	32
10 - 14 years.....	48	47	54	55	61
15 - 19 years.....	219	222	249	216	268
20 - 24 years.....	223	232	242	238	251
25 - 34 years.....	297	269	330	317	317
35 - 44 years.....	146	152	168	182	189
45 - 54 years.....	122	109	113	119	118
55 - 64 years.....	118	80	121	121	104
65 - 74 years.....	80	65	110	104	118
75 years and over...	100	95	101	124	144
Not Stated.....	5	2	2	1	2
TOTALS.....	1,417	1,331	1,556	1,569	1,632

RESIDENCE OF DRIVER

In approximately three our of four of all motor vehicle traffic accidents, and two out of three fatal accidents, one of the drivers was a local resident. This generally means he lived with 25 miles of the accident location.

Residence of Driver	Drivers, All Accidents		Drivers, Fatal Accidents		Drivers, Injury Accidents		Drivers, PD Accidents	
	Number	% of Total	Number	% of Total	Number	% of Total	Number	% of Total
In County.....	489,788	72.1	1,603	71.8	143,042	74.8	345,143	71.1
Elsewhere in State..	127,152	18.7	500	22.4	35,818	18.7	90,834	18.7
Non-resident.....	10,797	1.6	63	2.8	3,025	1.6	7,709	1.6
Not Stated.....	51,498	7.6	68	3.0	9,433	4.9	41,997	8.6
TOTALS.....	679,235		2,234		191,318		485,683	

ACCIDENT EXPERIENCE BY ROADWAY TYPE

The schedule below provides a detailed breakdown of estimated vehicle mileage, accidents, death rates (deaths per 100 million vehicle miles), and accident rates (accidents per 100 million vehicle miles) for the major roadway types in Michigan.

Statewide	*Estimated Mileage (Billions)	All Accidents	Deaths	Rates		
				Death Rate	Injury Accidents	Total Accidents
Limited access roadway....	19.4	28,546	111	0.86	42.0	147.1
U.S. & Michigan roads.....	18.8	101,865	496	2.64	144.6	541.8
County & local roads.....	32.4	270,283	1,025	3.16	222.2	834.2
TOTALS.....	70.6	400,694	1,632	2.31	152.0	567.6

*1986 Michigan Department of Transportation figures.

OBJECTS HIT

Object Hit by Vehicle	% of Total Objects Hit	Total Objects Hit	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Rural Accidents	Urban Accidents
Guard rail or post.....	7.1	4,564	34	1,387	3,143	2,888	1,676
Highway sign.....	10.3	6,668	58	1,586	5,024	3,770	2,898
Street light, utility pole...	12.9	8,356	61	3,465	4,830	2,903	5,453
Culvert.....	0.7	441	7	209	225	396	45
Ditch, embankment, stream....	18.0	11,622	39	3,760	7,823	9,612	2,010
Bridge pier or abutment.....	0.5	317	4	131	182	172	145
Bridge rail or deck.....	0.6	363	8	121	234	228	135
Tree.....	16.7	10,812	173	4,862	5,777	7,964	2,848
Highway or railroad signal...	0.5	313	9	102	202	81	232
Building.....	2.8	1,789	11	666	1,112	401	1,388
Mailbox.....	7.4	4,811	23	976	3,812	3,989	822
Fence.....	5.7	3,654	23	897	2,734	1,814	1,840
Traffic isle or curb.....	2.6	1,705	3	316	1,386	412	1,293
Concrete barrier in median...	3.6	2,337	5	1,022	1,310	397	1,940
Other on-trafficway object...	6.5	4,207	12	822	3,373	2,021	2,186
Other off-trafficway object..	3.5	2,250	12	637	1,601	1,272	978
Overhead fixed object.....	0.5	339	1	24	314	119	220
Not known.....	0.1	93	0	40	53	32	61
TOTALS.....	100.0	64,641	483	21,023	43,135	38,471	26,170
PERCENT TOTALS.....		100.0	0.7	32.6	66.7	59.5	40.5

The above summary lists incidents in which a fixed object was struck, either as the primary object hit or as the secondary object hit (rebound).

REGISTRATION TRANSACTIONS

(Includes Original, Renewal, Correction, and Replacements)

	VEHICLE						OTHER			
Counties	Passenger	Commercial	Trailer	Motorcycle	Total Plates	Total Revenue	Watercraft*	Snowmobile*	Off-Road	Moped
Alcona	6,036	2,573	1,674	226	10,509	$ 338,618.04	1,817	332	534	34
Alger	4,238	2,290	1,097	261	7,886	248,977.82	1,342	503	410	53
Allegan	44,552	18,023	9,978	2,406	74,959	3,002,584.95	7,737	1,396	1,492	503
Alpena	17,546	7,384	4,552	569	30,051	1,070,728.19	3,985	791	642	103
Antrim	10,060	3,781	2,525	461	16,827	568,458.32	3,697	566	328	79
Arenac	7,927	3,601	2,241	291	14,060	521,047.91	2,881	497	684	19
Baraga	3,936	1,990	877	144	6,947	237,341.75	735	261	420	12
Barry	25,198	9,788	5,833	1,496	42,315	1,352,566.03	6,554	1,047	905	243
Bay	67,125	18,590	14,958	2,533	103,206	3,918,401.05	9,399	2,497	4,711	572
Benzie	6,972	2,651	1,811	327	11,761	360,495.26	2,869	417	209	51
Berrien	94,929	27,085	14,428	3,919	140,361	5,022,694.04	11,174	1,452	1,116	1,254
Branch	21,033	8,518	5,043	1,203	35,797	1,358,626.33	5,261	605	554	218
Calhoun	80,085	21,155	12,822	3,605	117,667	4,012,893.98	9,526	1,061	1,256	1,281
Cass	25,581	10,046	4,976	1,201	41,804	1,394,511.13	7,480	992	539	200
Charlevoix	12,187	4,697	2,803	580	20,267	677,601.77	3,254	797	424	172
Cheboygan	12,015	4,988	3,239	535	20,777	693,216.13	3,997	1,116	753	81
Chippewa	13,749	6,316	3,783	607	24,455	878,637.01	4,115	1,507	1,058	107
Clare	13,207	5,678	3,518	545	22,948	771,123.76	3,071	799	604	68
Clinton	30,822	10,684	6,738	1,581	49,825	1,713,031.69	4,573	1,174	1,217	282
Crawford	5,696	2,448	1,508	193	9,845	323,136.07	2,198	466	800	36
Delta	20,800	8,702	5,403	965	35,870	1,223,231.94	3,651	1,049	2,127	172
Dickinson	14,757	6,487	3,935	712	25,891	972,089.95	2,602	647	1,521	190
Eaton	50,711	15,497	9,793	2,363	78,364	2,868,308.78	6,611	1,271	1,738	464
Emmet	14,882	5,596	3,005	628	24,111	883,072.28	3,842	823	442	276
Genesee	268,475	60,635	39,155	9,833	378,098	13,495,254.52	28,880	5,848	9,300	2,643
Gladwin	11,393	4,937	3,172	440	19,942	637,864.66	3,173	706	778	50
Gogebic	9,042	3,958	2,015	358	15,373	493,612.26	2,309	604	648	94
Gd. Traverse	39,312	12,122	8,663	1,539	61,636	2,221,884.88	8,868	1,482	1,779	315
Gratiot	21,051	7,850	4,983	1,098	34,982	1,353,631.91	2,555	666	1,013	226
Hillsdale	22,204	9,293	4,803	1,212	37,512	1,363,896.84	3,444	643	761	259
Houghton	16,346	5,594	2,451	666	25,057	847,910.93	2,336	814	518	88
Huron	21,299	9,039	4,831	963	36,132	1,407,134.97	2,918	1,179	772	221
Ingham	166,214	35,646	19,464	6,602	227,926	8,700,821.30	14,679	1,951	3,020	1,953
Ionia	26,758	9,909	5,700	1,404	43,771	1,486,543.70	3,635	759	936	350
Iosco	17,016	6,017	4,209	690	27,932	947,276.77	4,255	783	1,119	95
Iron	7,072	3,636	1,986	302	12,996	452,235.57	2,171	452	659	36
Isabella	23,221	8,462	4,918	1,106	37,707	1,470,991.74	3,004	595	758	236
Jackson	83,617	24,579	13,807	3,561	125,564	4,991,488.16	12,143	1,727	1,684	665
Kalamazoo	128,810	28,250	17,553	5,252	179,865	6,465,277.99	15,635	1,567	2,015	1,030
Kalkaska	6,522	3,890	2,255	363	13,030	752,638.14	1,785	514	390	30
Kent	296,574	68,846	47,518	11,352	424,290	17,736,627.79	34,492	5,240	6,805	3,983
Keweenaw	990	359	180	31	1,560	48,001.97	311	67	61	4
Lake	4,186	2,027	1,145	132	7,490	234,898.05	1,790	272	338	43
Lapeer	39,688	14,739	7,656	2,141	64,224	2,206,671.09	4,431	1,431	2,051	178
Leelenau	9,037	3,162	2,365	354	14,918	499,818.74	3,457	556	151	89
Lenawee	50,270	16,581	9,515	2,411	78,777	2,735,754.08	6,761	2,029	1,712	578
Livingston	64,955	18,094	10,870	2,602	96,521	3,317,363.36	9,830	1,957	1,762	451
Luce	3,040	1,702	1,145	106	5,993	224,175.19	1,208	406	397	24
Mackinac	5,300	2,505	1,507	239	9,551	317,940.69	2,808	862	495	34
Macomb	487,012	72,090	46,460	11,357	616,919	23,293,289.48	38,847	7,626	9,803	4,336
Manistee	12,832	5,012	2,996	508	21,348	749,709.28	2,718	446	578	68
Marquette	34,758	13,180	6,428	1,827	56,193	1,836,938.01	5,469	1,843	2,218	243
Mason	14,039	5,416	3,325	675	23,455	808,780.42	3,111	462	421	124
Mecosta	15,978	6,438	3,572	678	26,666	942,867.18	3,473	542	398	103
Menominee	13,610	5,677	3,568	763	23,618	839,509.05	2,219	579	893	195
Midland	45,942	11,369	9,664	1,863	68,838	2,240,828.76	7,208	982	2,217	322
Missaukee	5,813	3,138	1,773	225	10,949	385,563.74	1,415	450	172	76
Monroe	77,361	22,259	14,069	3,595	117,284	4,191,340.83	8,676	2,367	2,945	1,108
Montcalm	26,411	10,686	6,453	1,268	44,818	1,562,078.56	4,742	828	930	459
Montmorency	4,717	2,275	1,433	166	8,591	280,644.10	1,696	570	241	35
Muskegon	91,931	23,673	16,402	4,748	136,754	4,700,345.15	12,334	1,861	3,019	1,495
Newaygo	19,138	8,571	4,961	1,085	33,755	1,164,177.88	4,530	826	945	260
Oakland	707,835	112,190	67,434	17,241	904,700	36,122,892.72	59,632	11,182	11,563	6,370
Oceana	11,454	5,448	2,536	577	20,015	711,590.07	1,924	524	609	126
Ogemaw	9,525	4,690	2,755	385	17,355	658,609.93	2,497	706	547	56
Ontonagon	4,612	2,355	1,292	179	8,438	269,552.74	1,059	530	598	20
Osceola	10,386	4,881	2,514	444	18,225	623,945.00	1,733	501	446	52
Oscoda	4,200	2,012	1,190	153	7,555	254,539.42	1,372	409	382	18
Otsego	9,380	4,124	2,259	383	16,146	651,596.63	1,980	617	428	34
Ottawa	99,147	26,816	21,649	4,488	152,100	5,832,888.57	14,878	2,494	3,247	1,921
Presque Isle	7,256	3,641	2,084	283	13,264	467,972.47	2,195	634	511	50
Roscommon	12,004	4,361	3,316	407	20,088	647,170.86	4,887	1,520	726	137
Saginaw	130,315	30,038	21,925	4,050	186,328	6,862,257.16	15,167	3,704	4,604	959
St. Clair	83,965	22,808	12,780	3,070	122,623	4,379,956.06	11,175	2,128	2,348	832
St. Joseph	32,282	11,833	6,472	1,844	52,431	1,848,175.92	6,918	666	669	443
Sanilac	21,701	8,820	4,135	1,025	35,681	1,330,790.95	1,696	587	617	60
Schoolcraft	4,182	2,235	1,346	205	7,968	287,865.60	1,550	420	892	25
Shiawassee	39,721	13,363	7,833	2,055	62,972	2,216,709.77	4,525	1,305	1,802	374
Tuscola	29,887	12,412	7,664	1,528	51,491	1,803,624.12	4,020	1,695	2,280	180
Van Buren	25,383	13,448	6,297	1,729	56,857	1,914,133.47	6,193	783	731	377
Washtenaw	158,134	29,358	14,999	5,342	207,833	7,047,632.06	12,984	2,204	1,939	1,340
Wayne	1,238,132	171,831	98,932	26,820	1,535,715	61,989,830.09	69,644	9,005	12,219	10,349
Wexford	14,220	5,374	3,431	610	23,635	856,574.53	3,544	657	546	99
Non-Resident	41,722	14,687	17,087	249	73,745	11,450,518.74	24,783	1,598	1,387	80
Unknown County							5,154	214	1,134	684
TOTALS	5,501,421	1,266,909	779,440	183,933	7,731,703		645,197	118,641	139,411	53,555

* 1986 Michigan Department of State format change that reflects only the number of registrations processed in a particular year.

ANNUAL REPORT

- There were **1,632** persons killed and **158,032** persons injured in **400,694** reported motor vehicle traffic accidents in Michigan during 1986. Compared with 1985 experience, deaths increased **4.0** percent, injuries increased **0.4** percent, and total reported accidents showed a **3.6** percent increase.
- This year deaths were the highest since 1980.
- Some exposure factor comparisons between 1986 and 1985 show motor vehicle registrations rose **1.3** percent, vehicle mileage rose **3.2** percent, and licensed drivers increased **0.6** percent.
- Even with the increase in exposure factors in 1986, the 1985 death rate of **2.3** per 100 million miles of travel was maintained in 1986.
- Urban deaths increased **3.2** percent, injuries decreased **0.2** percent, and total accidents increased **2.3** percent as compared to 1985.
- Rural deaths increased **4.4** percent, injuries increased **1.3** percent, and total accidents increased **5.5** percent as compared to 1985.
- Urban areas accounted for **59** percent of all accidents and **33** percent of all traffic deaths.
- Rural areas accounted for **41** percent of all accidents and **67** percent of all traffic deaths.
- Rural areas accounted for **40** percent of all injuries while **60** percent were in urban areas.
- Pedestrian death decreased **12** persons from the 1985 figure. Rural pedestrian deaths were down 7 from 1985 and urban pedestrian deaths were down a total of 5 persons.

MOTOR VEHICLE TRAFFIC ACCIDENTS IN MICHIGAN

PERIOD YEAR - 1986

Compiled by the Michigan State Police

Col. Gerald L. Hough, Director

SUMMARY OF ALL REPORTED ACCIDENTS

SUMMARY INCLUDES INFORMATION AVAILABLE

STATEWIDE

TOTAL ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
	1. OVERTURNED	12411	128	6897	5386	18871	140	9237	9494	2075	3787	3375	12411	140	9237
	2. OTHER NON-COLLISION	2063	25	548	1490	3632	25	625	2982	173	283	169	2063	25	625
COLLISION WITH:	3. PEDESTRIAN	4495	221	4121	153	11246	224	4409	6613	1518	1569	1322	4495	224	4409
	4. M.V. IN TRANSPORT	256396	665	72011	183720	799217	772	114401	684044	13562	27130	73709	256396	772	114401
	5. M.V. OTHER ROADWAY	102	1	40	61	305	1	71	233	12	23	36	102	1	71
	6. PARKED M.V.	30820	19	2664	28137	40294	22	3286	36986	489	1321	1476	30820	22	3286
	7. RAILROAD TRAIN	287	21	114	152	418	22	159	237	55	64	40	287	22	159
	8. PEDALCYCLIST	4461	45	3694	722	10944	48	3871	7025	759	1812	1300	4461	48	3871
	9. ANIMAL	33915	4	797	33114	54781	4	925	53852	99	351	475	33915	4	925
	10. FIXED OBJECT	53679	333	16167	37179	79044	369	20698	57977	4358	8270	8070	53679	369	20698
	11. OTHER OBJECT	2065	4	270	1791	3336	5	350	2981	69	118	163	2065	5	350
	TOTALS	400694	1466	107323	291905	1022088	1632	158032	862424	23169	44728	90135	400694	1632	158032

ON ROADWAY ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
	1. OVERTURNED	2269	25	1561	683	3258	26	1934	1298	504	906	524	2269	26	1934
	2. OTHER NON-COLLISION	1697	21	486	1190	3071	21	554	2496	160	254	140	1697	21	554
COLLISION WITH:	3. PEDESTRIAN	4286	215	3920	151	10742	218	4162	6362	1431	1495	1236	4286	218	4162
	4. M.V. IN TRANSPORT	255964	661	71893	183410	797916	767	114207	682942	13518	27070	73619	255964	767	114207
	5. M.V. OTHER ROADWAY	102	1	40	61	305	1	71	233	12	23	36	102	1	71
	6. PARKED M.V.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7. RAILROAD TRAIN	282	21	114	147	412	22	159	231	55	64	40	282	22	159
	8. PEDALCYCLIST	4285	43	3548	694	10526	46	3718	6762	733	1746	1239	4285	46	3718
	9. ANIMAL	33844	4	786	33054	54669	4	914	53751	97	350	467	33844	4	914
	10. FIXED OBJECT	2354	3	447	1904	3510	4	570	2936	95	186	289	2354	4	570
	11. OTHER OBJECT	1925	4	236	1685	3127	5	313	2809	57	104	152	1925	5	313
	TOTALS	307008	998	83031	222979	887536	1114	126602	759820	16662	32198	77742	307008	1114	126602

OFF ROADWAY ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
	1. OVERTURNED	10142	103	5336	4703	15613	114	7303	8196	1571	2881	2851	10142	114	7303
	2. OTHER NON COLLISION	366	4	62	300	561	4	71	486	13	29	29	366	4	71
COLLISION WITH:	3. PEDESTRIAN	209	6	201	2	504	6	247	251	87	74	86	209	6	247
	4. M.V. IN TRANSPORT	432	4	118	310	1301	5	194	1102	44	60	90	432	5	194
	5. M.V. OTHER ROADWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6. PARKED M.V.	30820	19	2664	28137	40294	22	3286	36986	489	1321	1476	30820	22	3286
	7. RAILROAD TRAIN	5	0	0	5	6	0	0	6	0	0	0	5	0	0
	8. PEDALCYCLIST	176	2	146	28	418	2	153	263	26	66	61	176	2	153
	9. ANIMAL	71	0	11	60	112	0	11	101	2	1	8	71	0	11
	10. FIXED OBJECT	51325	330	15720	35275	75534	365	20128	55041	4263	8084	7781	51325	365	20128
	11. OTHER OBJECT	140	0	34	106	209	0	37	172	12	14	11	140	0	37
	TOTALS	93686	468	24292	68926	134552	518	31430	102604	6507	12530	12393	93686	518	31430

ROAD SURFACE	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DRY	250941	1093	69048	180800
WET	88297	241	25127	62929
SNOWY/ICY	58471	111	12386	45974
OTHER	2985	21	762	2202
TOTAL	400694	1466	107323	291905

LIGHT CONDITION	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DAYLIGHT	248187	662	67878	179647
DAWN/DUSK	20123	61	4735	15327
DARKNESS/LIGHTS	39652	243	12301	27108
DARKNESS/NO LIGHTS	91277	491	22228	68558
NOT STATED	1455	9	181	1265
TOTAL	400694	1466	107323	291905

AGE	NUMBER OF PERSONS KILLED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED.	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	28	13	15	0	20	7	0	0	0	1
5 - 9	32	21	11	2	2	20	8	0	0	0
10 -14	61	39	22	6	16	19	14	2	2	2
15 -19	268	188	80	106	109	25	10	16	1	1
20 -24	251	189	62	139	68	21	2	21	0	0
25 -34	317	244	73	182	46	36	4	47	0	2
35 -44	189	137	52	116	29	24	1	18	1	0
45 -54	118	76	42	74	20	17	2	3	0	2
55 -64	104	68	36	61	20	19	1	0	1	2
65 -74	118	54	64	58	31	24	1	3	1	0
75 & Over	144	75	69	64	50	25	5	0	0	0
Not Stated	2	1	1	0	0	2	0	0	0	0
TOTAL	1632	1105	527	808	411	239	48	110	6	10

CODE OF INJURY

A — INCAPACITATING INJURY
Any injury other than fatal which prevents normal activities and generally requires hospitalization.

B — NON-INCAPACITATING INJURY
Any injury not incapacitating but evident to others at the scene.

C — POSSIBLE INJURY
No visible injury but complaint of pain or momentary inconsciousness.

AGE	NUMBER OF PERSONS INJURED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED.	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	3101	1603	1498	0	2769	260	47	8	0	17
5 - 9	4724	2519	2205	13	3306	726	636	21	0	22
10 -14	6350	3424	2926	152	3763	680	1374	331	3	47
15 -19	28662	15055	13607	14927	10720	648	790	1411	2	164
20 -24	26368	14645	11723	17422	6555	438	333	1427	13	180
25 -34	35160	18765	16395	25334	6857	670	314	1630	12	343
35 -44	21090	10248	10842	15729	3923	434	146	678	11	169
45 -54	11525	5334	6191	8466	2430	245	51	225	7	101
55 -64	9357	4280	5077	6564	2426	197	25	74	2	69
65 -74	5733	2445	3288	3673	1805	159	31	20	4	41
75 & Over	3117	1348	1769	1892	1063	131	11	5	1	14
Not Stated	2845	1466	1379	1562	1029	80	29	95	1	49
TOTAL	158032	81132	76900	95734	46646	4668	3787	5925	56	1216

TS-1 (PART 1)

TS-1 (PART 2) (Rev. 3-85)

STATEWIDE

MUNICIPALITIES	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. TOWNSHIPS	358683	1063	669	394	60824	41118	19706	11934	19496	29394	296796	669	41118	394	19706
2. UNDER 1,000	6987	10	7	3	923	720	203	155	367	401	6054	7	720	3	203
3. 1,000 - 2,500	19527	18	11	7	2149	1770	379	343	738	1068	17360	11	1770	7	379
4. 2,500 - 5,000	29320	25	15	10	3476	2966	510	432	1096	1948	25819	15	2966	10	510
5. 5,000 - 10,000	35956	29	16	13	4353	3761	592	606	1285	2462	31574	16	3761	13	592
6. 10,000 - 25,000	75903	59	49	10	10219	8990	1229	1225	2901	6093	65625	49	8990	10	1229
7. 25,000 - 50,000	111496	87	68	19	15364	13648	1716	2003	4034	9327	96045	68	13648	19	1716
8. 50,000 - 100,000	132592	121	104	17	20349	18081	2268	2121	5320	12908	112122	104	18081	17	2268
9. 100,000 - 250,000	113436	104	82	22	16332	14472	1860	1681	4414	10237	97000	82	14472	22	1860
10. 250,000 OR MORE	138188	116	93	23	24043	21076	2967	2669	5077	16297	114029	93	21076	23	2967
TOTALS	1022088	1632	1114	518	158032	126602	31430	23169	44728	90135	862424	1114	126602	518	31430

MUNICIPALITIES	NUMBER OF ACCIDENTS											THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY						
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. TOWNSHIPS	153924	941	40247	112736	109042	588	25296	83158	44882	353	14951	29578	153924	941	40247	112736
2. UNDER 1,000	2717	10	621	2086	1880	7	459	1414	837	3	162	672	2717	10	621	2086
3. 1,000 - 2,500	7427	17	1555	5855	5540	10	1236	4294	1887	7	319	1561	7427	17	1555	5855
4. 2,500 - 5,000	10867	22	2447	8398	8550	13	2060	6477	2317	9	387	1921	10867	22	2447	8398
5. 5,000 - 10,000	13324	28	3044	10252	10229	15	2577	7637	3095	13	467	2615	13324	28	3044	10252
6. 10,000 - 25,000	28403	56	7183	21164	22548	47	6186	16315	5855	9	997	4849	28403	56	7183	21164
7. 25,000 - 50,000	41368	81	10779	30508	33471	64	9376	24031	7897	17	1403	6477	41368	81	10779	30508
8. 50,000 - 100,000	48524	109	14106	34309	39862	94	12248	27520	8662	15	1858	6789	48524	109	14106	34309
9. 100,000 - 250,000	41956	96	11437	30423	34216	75	9941	24200	7740	21	1496	6223	41956	96	11437	30423
10. 250,000 OR MORE	52184	106	15904	36174	41670	85	13652	27933	10514	21	2252	8241	52184	106	15904	36174
TOTALS	400694	1466	107323	291905	307008	998	83031	222979	93686	468	24292	68926	400694	1466	107323	291905

CLASS OF TRAFFICWAY	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP.	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. INTERSTATE SYSTEM	57765	85	50	35	9501	6551	2950	1394	2610	5497	48179	50	6551	35	2950
2. OTHER FULL CONTROL	12630	26	11	15	2270	1543	727	329	616	1325	10334	11	1543	15	727
3. OTHER U.S. ROUTE	75434	149	121	28	11172	9597	1575	1657	2997	6518	64113	121	9597	28	1575
4. OTHER STATE M ROUTES	205289	347	284	63	30313	26844	3469	4425	7880	18008	174629	284	26844	63	3469
5. OTHER MAJOR ART'L	38456	40	35	5	5276	4879	397	663	1383	3230	33140	35	4879	5	397
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS--N.K.	632514	985	613	372	99500	77188	22312	14701	29242	55557	532029	613	77188	372	22312
TOTALS	1022088	1632	1114	518	158032	126602	31430	23169	44728	90135	862424	1114	126602	518	31430

CLASS OF TRAFFICWAY	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. INTERSTATE SYSTEM	23393	82	6576	16735	16766	49	4301	12416	6627	33	2275	4319	23393	82	6576	16735
2. OTHER FULL CONTROL	5153	22	1565	3566	3723	11	1013	2699	1430	11	552	867	5153	22	1565	3566
3. OTHER U.S. ROUTE	27616	127	7275	20214	23465	103	6061	17301	4151	24	1214	2913	27616	127	7275	20214
4. OTHER STATE M ROUTES	74249	311	19909	54029	65059	252	17213	47594	9190	59	2696	6435	74249	311	19909	54029
5. OTHER MAJOR ART'L	13183	37	3557	9589	11784	32	3236	8516	1399	5	321	1073	13183	37	3557	9589
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS – N.K.	257100	887	68441	187772	186211	551	51207	134453	70889	336	17234	53319	257100	887	68441	187772
TOTALS	400694	1466	107323	291905	307008	998	83031	222979	93686	468	24292	68926	400694	1466	107323	291905

PEDESTRIAN ACCIDENTS	ALL ACCIDENTS			FATAL			INJURY			PROPERTY DAMAGE		
	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER	NOT AT INTER
1. CAR GOING STRAIGHT	3626	1571	2055	216	61	155	3287	1454	1833	123	56	67
2. CAR TURNING STRAIGHT	259	232	27	1	1	0	247	221	26	11	10	1
3. CAR TURNING LEFT	314	249	65	3	3	0	304	239	65	7	7	0
4. CAR BACKING	169	44	125	1	0	1	160	42	118	8	2	6
5. ALL OTHERS	100	36	64	0	0	0	98	36	62	2	0	2
6. NOT STATED	27	7	20	0	0	0	25	7	18	2	0	2
TOTALS	4495	2139	2356	221	65	156	4121	1999	2122	153	75	78

PEDESTRIAN ACTIONS BY AGE	PEDESTRIANS KILLED	AGE OF PEDESTRIANS KILLED AND INJURED									
		TOTAL	0 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 TO 44	45 TO 64	65 & OLDER	NOT STATED
1a. CROSSING AT INTERSECTION OR IN CROSSWALK	59	1897	78	296	305	242	150	402	229	156	39
1b. CROSSING NOT AT INTERSECTION OR IN CROSSWALK	96	1407	153	351	223	156	104	221	79	108	12
2a. WALKING IN ROADWAY – WITH TRAFFIC	15	288	2	11	45	68	39	84	26	10	3
2b. WALKING IN ROADWAY – AGAINST TRAFFIC	8	49	0	0	13	14	3	9	9	1	0
3. STANDING IN ROADWAY	14	228	5	8	19	40	36	85	20	11	4
4. PUSHING OR WORKING ON VEHICLE IN ROADWAY	5	133	0	0	2	21	39	49	15	5	2
5. OTHER WORKING IN ROADWAY	3	46	0	1	0	2	3	27	8	1	4
6. PLAYING IN ROADWAY	1	67	9	30	15	7	3	1	1	0	1
7. OTHER IN ROADWAY	15	247	5	18	24	32	38	80	32	11	7
8. NOT IN ROADWAY	14	457	11	25	46	77	39	174	47	30	8
9. NOT STATED	9	88	4	6	7	14	5	32	12	6	2
TOTALS	239	4907	267	746	699	673	459	1164	478	339	82

TS-1 (PART 2)

STATEWIDE

	TWO MOTOR VEHICLE ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
AT INTERSECTION	1. ENTERING AT ANGLE	57428	222	18979	38227
	2a. FROM SAME DIRECTION (both going straight)	14581	5	2617	11959
	2b. SAME – ONE TURN, ONE STRAIGHT	13086	7	2340	10739
	2c. SAME–ONE STOPPED	32560	14	9994	22552
	2d. SAME–ALL OTHERS	2668	0	171	2497
	3a. FROM OPP. DIRECTION (both going straight)	2802	11	1018	1773
	3b. SAME–ONE LEFT TURN, ONE STRAIGHT	17840	37	6913	10890
	3c. SAME–ALL OTHERS	701	0	157	544
	4. NOT STATED	7352	3	645	6704
	TOTALS	149018	299	42834	105885

	TWO MOTOR VEHICLE ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
NOT AT INTERSECTION	1. GOING OPP. DIRECTION (both going straight)	9352	227	3480	5645
	2. GOING SAME DIRECTION (both moving)	32883	51	7442	25390
	3a. ONE CAR PARKED	23468	16	2019	21433
	3b. ONE CAR STOPPED IN TRAFFIC	25673	17	8391	17265
	4a. ONE CAR ENTERING PARKED POS.	182	0	20	162
	4b. ONE CAR LEAVING PARKED POS.	1426	0	121	1305
	5a. ONE CAR ENTER. DRIVEWAY ACCESS	19617	39	5508	14070
	5b. ONE CAR LEAVING DRIVEWAY ACCESS	23588	34	4453	19101
	6. ALL OTHERS/NOT STATED	2111	2	447	1662
	TOTALS	138300	386	31881	106033

		ALL OTHER ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
AT INTER.	COLLISION WITH	1. OTHER ROAD VEH., OR RR TRAIN	2584	19	2091	474
		2. FIXED OBJECT	13722	43	3706	9973
		3. OTHER OBJECT OR ANIMAL	1220	2	91	1127
	4. OVERTURNING		1481	15	920	546
	5. OTHER NONCOLLISION		443	7	179	257
NOT AT INTER.	COLLISION WITH	6. OTHER ROAD VEH., OR RR TRAIN	2164	47	1717	400
		7. FIXED OBJECT	39957	290	12461	27206
		8. OTHER OBJECT OR ANIMAL	34760	6	976	33778
	9. OVERTURNING		10930	113	5977	4840
	10. OTHER NONCOLLISION		1613	18	367	1228
	11. NOT STATED		7	0	2	5
	TOTALS		108881	560	28487	79834

HAZARDOUS ACTION *	NUMBER OF TRAFFIC UNITS			
	TOTAL	FATAL	INJURY	P.D.
1. NO VIOLATION	329794	1088	94066	234640
2. SPEED TOO FAST	39878	428	14435	25015
3. SPEED TOO SLOW	324	1	133	190
4. DISREGARD CONTROL/ROW	92485	456	33293	58736
5. WRONG WAY	723	15	289	419
6. LEFT CENTER/IMPROPER PASS/LANE	38058	214	7561	30283
7. IMPROPER TURN/SIGNAL	16587	25	3475	13087
8. IMPROPER BACKING/START	19090	2	990	18098
9. FOLLOWING/UNABLE TO STOP	134986	238	40454	94294
10. OTHER/NOT KNOWN	16973	74	5081	11818
11.				
12.				
13.				
14.				
TOTALS	688898	2541	199777	486580

CONTRIBUTING CIRCUMSTANCE *	NUMBER OF TRAFFIC UNITS			
	TOTAL	FATAL	INJURY	P.D.
1. NONE	312789	980	89211	222598
2. OUIL/DRUGS	13473	464	6137	6872
3. RECKLESS/CARELESS	10050	101	5257	4692
4. INATTENTION/III/ETC.	5333	14	2112	3207
5. VIOLATION LICENSE RESTRICTION	57	0	22	35
6. OBSCURED VISION	7780	17	2432	5331
7. DEFECTIVE EQUIPMENT	5470	9	1738	3723
8. LOST CONTROL/LOAD/WIND	215	1	61	153
9. SKIDDING	23391	78	6053	17260
10. OTHER/NOT KNOWN	310340	877	86754	222709
11.				
12.				
13.				
14.				
TOTALS	688898	2541	199777	486580

* Includes pedestrians and drivers

MANNER OF TWO MOTOR VEHICLE COLLISION	TOTAL	FATAL	INJURY	P.D.
1. HEAD ON	11180	236	4198	6746
2. REAR END	42313	52	9147	33114
3. SIDESWIPE - MEETING	197	0	38	159
4. SIDESWIPE - PASSING	1223	0	144	1079
5. ANGLE	37935	195	14770	22970
6. BACKED INTO	5066	0	285	4781
7. ALL OTHERS	189324	202	46113	143009
8. NOT STATED	80	0	20	60
TOTALS	287318	685	74715	211918

TYPE OF VEHICLE	TOTAL	FATAL	INJURY	P.D.
1. PASSENGER CAR	329869	1618	153620	374631
2. PASSENGER CAR AND TRAILER	2285	9	553	1723
3. TRUCK OR TRUCK TRACTOR	87915	331	21486	66098
4. TRUCK TRACTOR AND SEMI TRAILER	8488	85	2004	6399
5. OTHER TRUCK COMBINATION	3252	23	685	2544
6. FARM TRACTOR AND/OR FARM EQUIP	394	6	127	261
7. BUS	1235	5	332	898
8. SCHOOL BUS	1662	4	307	1351
9. MOTORCYCLE/MOTOR SCOOTER	6741	113	5454	1174
10. OTHER/NOT STATED	38298	44	6845	31409
TOTALS	680139	2238	191413	486488

DRINKING CONDITION DRIVERS	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	39626	706	18055	20865
2. NOT KNOWN IF DRINKING	65591	70	12409	53112
3. HAD NOT BEEN DRINKING	574018	1458	160854	411706
TOTALS	679235	2234	191318	485683

DRINKING IN ACCIDENT	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	38585	721	17521	20343
2. NOT KNOWN IF DRINKING	25060	12	3207	21841
3. HAD NOT BEEN DRINKING	337049	733	86595	249721
TOTALS	400694	1466	107323	291905

DRINKING CONDITION PEDESTRIAN	NUMBER OF PEDESTRIANS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	233	90	141	2
2. NOT KNOWN IF DRINKING	4121	44	3926	151
3. HAD NOT BEEN DRINKING	761	125	626	10
TOTALS	5115	259	4693	163

TS-1 (PART 3)

AGE OF DRIVER	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. 15 AND YOUNGER	2323	23	1193	1107
2. 16	21290	53	6346	14891
3. 17	24888	78	7379	17431
4. 18 TO 19	49816	174	15083	34559
5. 20 TO 24	111094	399	33270	77425
6. 25 TO 34	163159	559	47820	114780
7. 35 TO 44	101933	348	29248	72337
8. 45 TO 54	55952	191	15858	39903
9. 55 TO 64	44060	159	12565	31336
10. 65 TO 74	25621	117	7166	18338
11. 75 AND OLDER	12597	94	3625	8878
12. NOT STATED *	66502	39	11765	54698
TOTALS	679235	2234	191318	485683
H & R DRIVERS (Not Apprehended)	0	0	0	0

* Includes Hit & Run Drivers

SEX OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. MALE	444737	1703	120643	322391
2. FEMALE	234498	531	70675	163292
TOTALS	679235	2234	191318	485683

RESIDENCE OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. LOCAL RESIDENT	489788	1603	143042	345143
2. RESIDING ELSEWHERE	127152	500	35818	90834
3. NON RESIDENT	10797	63	3025	7709
4. NOT STATED	51498	68	9433	41997
TOTALS	679235	2234	191318	485683
DRIVERLESS MOVING	904	4	95	805

MILEAGE RATES	THIS YEAR TO DATE	LAST YEAR SAME PERIOD	PERCENT CHANGE
1. Motor Vehicle Traffic Deaths	1632	1569	+4.0 %
2. Estimated Motor Veh. Mileage Traveled (billions)	70.6	68.4	+3.2 %
3. Death Rate Per 100 Million Vehicle Miles	2.3	2.3	0.0 %
4. Fatal Accident Rate Per 100 Million Vehicle Miles	2.1	2.1	0.0 %

MOTOR VEHICLE TRAFFIC ACCIDENTS IN MICHIGAN

PERIOD _____ YEAR - 1986

Compiled by the Michigan State Police

Col. Gerald L. Hough, Director

SUMMARY OF ALL REPORTED ACCIDENTS

SUMMARY INCLUDES INFORMATION AVAILABLE _____

URBAN

TOTAL ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
	1. OVERTURNED	1904	10	1264	630	2647	10	1567	1070	357	721	489	1904	10	1567
	2. OTHER NON-COLLISION	787	12	242	533	1402	12	277	1113	80	114	83	787	12	277
COLLISION WITH:	3. PEDESTRIAN	3568	136	3305	127	8854	138	3488	5228	1135	1225	1128	3568	138	3488
COLLISION WITH:	4. M.V. IN TRANSPORT	178974	214	48848	129912	549743	244	75257	474242	6791	16415	52051	178974	244	75257
COLLISION WITH:	5. M.V. - OTHER ROADWAY	53	0	16	37	156	0	27	129	5	5	17	53	0	27
COLLISION WITH:	6. PARKED M.V.	25414	10	2081	23323	32923	12	2526	30385	335	1032	1159	25414	12	2526
COLLISION WITH:	7. RAILROAD TRAIN	145	8	60	77	208	8	84	116	18	37	29	145	8	84
COLLISION WITH:	8. PEDALCYCLIST	3385	21	2797	567	8258	22	2917	5319	517	1363	1037	3385	22	2917
COLLISION WITH:	9. ANIMAL	980	0	61	919	1505	0	68	1437	2	33	33	980	0	68
COLLISION WITH:	10. FIXED OBJECT	20498	86	6105	14307	29810	94	7774	21942	1466	3131	3177	20498	94	7774
COLLISION WITH:	11. OTHER OBJECT	918	1	121	796	1385	1	151	1233	31	51	69	918	1	151
	TOTALS	236626	498	64900	171228	636891	541	94136	542214	10737	24127	59272	236626	541	94136

ON ROADWAY ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
	1. OVERTURNED	820	5	621	194	1087	5	729	353	175	364	190	820	5	729
	2. OTHER NON-COLLISION	706	11	228	467	1288	11	261	1016	76	106	79	706	11	261
COLLISION WITH:	3. PEDESTRIAN	3431	133	3173	125	8528	135	3329	5064	1083	1184	1062	3431	135	3329
COLLISION WITH:	4. M.V. IN TRANSPORT	178780	214	48795	129771	549192	244	75183	473765	6784	16399	52000	178780	244	75183
COLLISION WITH:	5. M.V. - OTHER ROADWAY	53	0	16	37	156	0	27	129	5	5	17	53	0	27
COLLISION WITH:	6. PARKED M.V.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION WITH:	7. RAILROAD TRAIN	144	8	60	76	207	8	84	115	18	37	29	144	8	84
COLLISION WITH:	8. PEDALCYCLIST	3237	19	2675	543	7913	20	2791	5102	499	1306	986	3237	20	2791
COLLISION WITH:	9. ANIMAL	970	0	57	913	1494	0	64	1430	2	32	30	970	0	64
COLLISION WITH:	10. FIXED OBJECT	1545	2	311	1232	2279	3	392	1884	59	123	210	1545	3	392
COLLISION WITH:	11. OTHER OBJECT	860	1	104	755	1300	1	134	1165	26	44	64	860	1	134
	TOTALS	190546	393	56040	134113	573444	427	82994	490023	8727	19600	54667	190546	427	82994

OFF ROADWAY ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
	1. OVERTURNED	1084	5	643	436	1560	5	838	717	182	357	299	1084	5	838
	2. OTHER NON-COLLISION	81	1	14	66	114	1	16	97	4	8	4	81	1	16
COLLISION WITH:	3. PEDESTRIAN	137	3	132	2	326	3	159	164	52	41	66	137	3	159
	4. M.V. IN TRANSPORT	194	0	53	141	551	0	74	477	7	16	51	194	0	74
	5. M.V.-OTHER ROADWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6. PARKED M.V.	25414	10	2081	23323	32923	12	2526	30385	335	1032	1159	25414	12	2526
	7. RAILROAD TRAIN	1	0	0	1	1	0	0	1	0	0	0	1	0	0
	8. PEDALCYCLIST	148	2	122	24	345	2	126	217	18	57	51	148	2	126
	9. ANIMAL	10	0	4	6	11	0	4	7	0	1	3	10	0	4
	10. FIXED OBJECT	18953	84	5794	13075	27531	91	7382	20058	1407	3008	2967	18953	91	7382
	11. OTHER OBJECT	58	0	17	41	85	0	17	68	5	7	5	58	0	17
	TOTALS	46080	105	8860	37115	63447	114	11142	52191	2010	4527	4605	46080	114	11142

ROAD SURFACE	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DRY	150812	388	42908	107516
WET	57156	88	16580	40488
SNOWY/ICY	27252	15	5130	22107
OTHER	1406	7	282	1117
TOTAL	236626	498	64900	171228

LIGHT CONDITION	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DAYLIGHT	160289	213	42915	117161
DAWN/DUSK	9682	16	2564	7102
DARKNESS/LIGHTS	34151	195	10560	23396
DARKNESS/NO LIGHTS	31524	71	8736	22717
NOT STATED	980	3	125	852
TOTAL	236626	498	64900	171228

AGE	NUMBER OF PERSONS KILLED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED.	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	13	7	6	0	8	4	0	0	0	1
5 - 9	19	12	7	0	0	14	5	0	0	0
10 - 14	25	18	7	1	2	12	7	1	0	2
15 - 19	45	34	11	11	16	13	3	2	0	0
20 - 24	79	56	23	35	25	9	1	9	0	0
25 - 34	109	86	23	52	15	19	1	21	0	1
35 - 44	71	55	16	32	15	14	1	9	0	0
45 - 54	40	26	14	23	4	12	0	1	0	0
55 - 64	44	33	11	25	7	12	0	0	0	0
65 - 74	38	18	20	13	5	18	1	1	0	0
75 & Over	56	31	25	18	16	19	3	0	0	0
Not Stated	2	1	1	0	0	2	0	0	0	0
TOTAL	541	377	164	210	113	148	22	44	0	4

CODE OF INJURY

A — INCAPACITATING INJURY
Any injury other than fatal which prevents normal activities and generally requires hospitalization.

B — NON-INCAPACITATING INJURY
Any injury not incapacitating but evident to others at the scene.

C — POSSIBLE INJURY
No visible injury but complaint of pain or momentary inconsciousness.

AGE	NUMBER OF PERSONS INJURED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED.	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	1857	950	907	0	1586	217	35	5	0	14
5 - 9	3049	1638	1411	3	1951	604	467	12	0	12
10 - 14	3773	2055	1718	39	2027	531	989	174	0	13
15 - 19	14476	7300	7176	7223	5316	467	610	786	0	74
20 - 24	15397	8056	7341	10113	3767	335	290	789	1	102
25 - 34	21671	11106	10565	15538	4327	524	248	832	0	202
35 - 44	13189	6282	6907	9886	2432	336	113	323	1	98
45 - 54	7247	3290	3957	5395	1468	197	35	93	0	59
55 - 64	6116	2777	3339	4343	1519	161	20	32	0	41
65 - 74	3601	1519	2082	2330	1089	124	24	8	0	26
75 & Over	1853	750	1103	1112	620	100	10	2	0	9
Not Stated	1907	965	942	998	725	66	24	58	0	36
TOTAL	94136	46688	47448	56980	26827	3662	2865	3114	2	686

TS-1 (PART 1)

URBAN

MUNICIPALITIES	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP.	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. TOWNSHIPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. UNDER 1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. 1,000 - 2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. 2,500 - 5,000	29320	25	15	10	3476	2966	510	432	1096	1948	25819	15	2965	10	510
5. 5,000 - 10,000	35956	29	16	13	4353	3761	592	606	1285	2462	31574	16	3761	13	592
6. 10,000 - 25,000	75903	59	49	10	10219	8990	1229	1225	2901	6093	65625	49	8990	10	1229
7. 25,000 - 50,000	111496	87	68	19	15364	13648	1716	2003	4034	9327	96045	68	13648	19	1716
8. 50,000 - 100,000	132592	121	104	17	20349	18081	2268	2121	5320	12908	112122	104	18081	17	2268
9. 100,000 - 250,000	113436	104	82	22	16332	14472	1860	1681	4414	10237	97000	82	14472	22	1860
10. 250,000 OR MORE	138188	116	93	23	24043	21076	2967	2669	5077	16297	114029	93	21076	23	2967
TOTALS	636891	541	427	114	94136	82994	11142	10737	24127	59272	542214	427	82994	114	11142

MUNICIPALITIES	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. TOWNSHIPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. UNDER 1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. 1,000 - 2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. 2,500 - 5,000	10867	22	2447	8398	8550	13	2060	6477	2317	9	387	1921	10867	22	2447	8398
5. 5,000 - 10,000	13324	28	3044	10252	10229	15	2577	7637	3095	13	467	2615	13324	28	3044	10252
6. 10,000 - 25,000	28403	56	7183	21164	22548	47	6186	16315	5855	9	997	4849	28403	56	7183	21164
7. 25,000 - 50,000	41368	81	10779	30508	33471	64	9376	24031	7897	17	1403	6477	41368	81	10779	30508
8. 50,000 - 100,000	48524	109	14106	34309	39862	94	12248	27520	8662	15	1858	6789	48524	109	14106	34309
9. 100,000 - 250,000	41956	96	11437	30423	34216	75	9941	24200	7740	21	1496	6223	41956	96	11437	30423
10. 250,000 OR MORE	52184	106	15904	36174	41670	85	13652	27933	10514	21	2252	8241	52184	106	15904	36174
TOTALS	236626	498	64900	171228	190546	393	56040	134113	46080	105	8860	37115	236626	498	64900	171228

CLASS OF TRAFFICWAY	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP.	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. INTERSTATE SYSTEM	35508	41	28	13	6049	4556	1493	730	1524	3795	29418	28	4556	13	1493
2. OTHER FULL CONTROL	8198	12	4	8	1567	1211	356	187	379	1001	6619	4	1211	8	356
3. OTHER U.S. ROUTE	37534	44	37	7	5416	4979	437	569	1274	3573	32074	37	4979	7	437
4. OTHER STATE M ROUTES	115067	88	81	7	16318	15258	1060	1756	3844	10718	98661	81	15258	7	1060
5. OTHER MAJOR ART'L.	31290	28	24	4	4109	3804	305	494	1054	2561	27153	24	3804	4	305
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS-N.K.	409294	328	253	75	60677	53186	7491	7001	16052	37624	348289	253	53186	75	7491
TOTALS	636891	541	427	114	94136	82994	11142	10737	24127	59272	542214	427	82994	114	11142

CLASS OF TRAFFICWAY	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. INTERSTATE SYSTEM	13749	39	4184	9526	10623	27	3017	7579	3126	12	1167	1947	13749	39	4184	9526
2. OTHER FULL CONTROL	2985	8	1071	1906	2344	4	794	1546	641	4	277	360	2985	8	1071	1906
3. OTHER U.S. ROUTE	12848	35	3675	9138	11549	30	3329	8190	1299	5	346	948	12848	35	3675	9138
4. OTHER STATE M ROUTES	39265	81	11162	28022	35872	74	10316	25482	3393	7	846	2540	39265	81	11162	28022
5. OTHER MAJOR ART'L.	10724	25	2837	7862	9597	21	2590	6986	1127	4	247	876	10724	25	2837	7862
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS – N.K.	157055	310	41971	114774	120561	237	35994	84330	36494	73	5977	30444	157055	310	41971	114774
TOTALS	236626	498	64900	171228	190546	393	56040	134113	46080	105	8860	37115	236626	498	64900	171228

PEDESTRIAN ACCIDENTS	ALL ACCIDENTS			FATAL			INJURY			PROPERTY DAMAGE		
	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.
1. CAR GOING STRAIGHT	2834	1403	1431	132	54	78	2600	1297	1303	102	52	50
2. CAR TURNING STRAIGHT	227	208	19	1	1	0	216	198	18	10	9	1
3. CAR TURNING LEFT	286	228	58	3	3	0	276	218	58	7	7	0
4. CAR BACKING	127	38	89	0	0	0	122	36	86	5	2	3
5. ALL OTHERS	74	29	45	0	0	0	73	29	44	1	0	1
6. NOT STATED	20	7	13	0	0	0	18	7	11	2	0	2
TOTALS	3568	1913	1655	136	58	78	3305	1785	1520	127	70	57

PEDESTRIAN ACTIONS BY AGE	PEDESTRIANS KILLED	AGE OF PEDESTRIANS KILLED AND INJURED									
		TOTAL	0 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 TO 44	45 TO 64	65 & OLDER	NOT STATED
1a. CROSSING AT INTERSECTION OR IN CROSSWALK	51	1735	73	270	272	209	140	378	213	143	37
1b. CROSSING NOT AT INTERSECTION OR IN CROSSWALK	60	1063	120	281	164	106	80	170	58	74	10
2a. WALKING IN ROADWAY – WITH TRAFFIC	2	150	1	5	23	37	24	42	11	5	2
2b. WALKING IN ROADWAY – AGAINST TRAFFIC	3	28	0	0	5	7	2	8	5	1	0
3. STANDING IN ROADWAY	8	166	5	6	16	27	27	60	14	9	2
4. PUSHING OR WORKING ON VEHICLE IN ROADWAY	1	68	0	0	1	8	22	24	8	4	1
5. OTHER WORKING IN ROADWAY	1	27	0	0	0	2	0	17	4	1	3
6. PLAYING IN ROADWAY	1	54	8	23	14	6	2	1	0	0	0
7. OTHER IN ROADWAY	8	155	2	12	15	21	18	55	20	7	5
8. NOT IN ROADWAY	9	303	8	16	28	49	26	116	39	15	6
9. NOT STATED	4	61	4	5	5	8	3	22	10	2	2
TOTALS	148	3810	221	618	543	480	344	893	382	261	68

TS 1 (PART 2)

URBAN

TWO MOTOR VEHICLE ACCIDENTS		TOTAL	FATAL	INJURY	P.D.
AT INTERSECTION	1. ENTERING AT ANGLE	42378	86	13671	28621
	2a. FROM SAME DIRECTION (both going straight)	11742	2	2048	9692
	2b. SAME – ONE TURN, ONE STRAIGHT	9522	3	1524	7995
	2c. SAME–ONE STOPPED	24871	9	7698	17164
	2d. SAME–ALL OTHERS	2042	0	139	1903
	3a. FROM OPP. DIRECTION (both going straight)	1809	3	640	1166
	3b. SAME–ONE LEFT TURN, ONE STRAIGHT	13561	16	5082	8463
	3c. SAME–ALL OTHERS	522	0	115	407
	4. NOT STATED	6442	2	576	5864
	TOTALS	112889	121	31493	81275

TWO MOTOR VEHICLE ACCIDENTS		TOTAL	FATAL	INJURY	P.D.
NOT AT INTERSECTION	1. GOING OPP. DIRECTION (both going straight)	3653	42	1304	2307
	2. GOING SAME DIRECTION (both moving)	21822	21	4818	16983
	3a. ONE CAR PARKED	18972	8	1505	17459
	3b. ONE CAR STOPPED IN TRAFFIC	17923	6	5885	12032
	4a. ONE CAR ENTERING PARKED POS.	147	0	13	134
	4b. ONE CAR LEAVING PARKED POS.	1209	0	91	1118
	5a. ONE CAR ENTER. DRIVEWAY ACCESS	11000	14	2804	8182
	5b. ONE CAR LEAVING DRIVEWAY ACCESS	15455	11	2745	12699
	6. ALL OTHERS/NOT STATED	1371	1	287	1083
	TOTALS	91552	103	19452	71997

ALL OTHER ACCIDENTS			TOTAL	FATAL	INJURY	P.D.
AT INTER.	COLLISION WITH	1. OTHER ROAD VEH., OR RR TRAIN	2107	14	1716	377
		2. FIXED OBJECT	7645	27	2057	5561
		3. OTHER OBJECT OR ANIMAL	376	0	44	332
	4. OVERTURNING		475	4	332	139
	5. OTHER NONCOLLISION		244	3	112	129
NOT AT INTER.	COLLISION WITH	6. OTHER ROAD VEH., OR RR TRAIN	1423	15	1141	26
		7. FIXED OBJECT	12853	59	4048	8746
		8. OTHER OBJECT OR ANIMAL	1522	1	138	1383
	9. OVERTURNING		1429	6	932	491
	10. OTHER NONCOLLISION		341	9	129	403
	11. NOT STATED		2	0	1	1
	TOTALS		28617	138	10650	17829

HAZARDOUS ACTION *	NUMBER OF TRAFFIC UNITS			
	TOTAL	FATAL	INJURY	P.D.
1. NO VIOLATION	204261	432	63687	140142
2. SPEED TOO FAST	15934	116	5485	10333
3. SPEED TOO SLOW	176	0	68	108
4. DISREGARD CONTROL/ROW	67390	217	23896	43277
5. WRONG WAY	581	7	226	348
6. LEFT CENTER/IMPROPER PASS/LANE	26587	56	4550	21981
7. IMPROPER TURN/SIGNAL	11843	10	2301	9532
8. IMPROPER BACKING/START	14882	0	750	14132
9. FOLLOWING/UNABLE TO STOP	87096	74	25073	61949
10. OTHER/NOT KNOWN	10596	37	3029	7530
11.				
12.				
13.				
14.				
TOTALS	439346	949	129065	309332

CONTRIBUTING CIRCUMSTANCE *	NUMBER OF TRAFFIC UNITS			
	TOTAL	FATAL	INJURY	P.D.
1. NONE	193914	388	60706	132820
2. QUIL/DRUGS	7112	164	3129	3819
3. RECKLESS/CARELESS	4656	33	2434	2189
4. INATTENTION/III/ETC.	2846	5	1084	1757
5. VIOLATION LICENSE RESTRICTION	35	0	11	24
6. OBSCURED VISION	4853	8	1468	3377
7. DEFECTIVE EQUIPMENT	2919	5	941	1973
8. LOST CONTROL/LOAD/WIND	55	0	19	36
9. SKIDDING	11971	7	2870	9094
10. OTHER/NOT KNOWN	210985	339	56403	154243
11.				
12.				
13.				
14.				
TOTALS	439346	949	129065	309332

* Includes pedestrians and drivers

MANNER OF TWO MOTOR VEHICLE COLLISION	TOTAL	FATAL	INJURY	P.D.
1. HEAD ON	4843	45	1758	3040
2. REAR END	29951	23	6250	23678
3. SIDESWIPE - MEETING	106	0	17	89
4. SIDESWIPE - PASSING	980	0	118	862
5. ANGLE	28933	77	10846	18010
6. BACKED INTO	3645	0	209	3436
7. ALL OTHERS	135931	79	31736	104116
8. NOT STATED	52	0	11	41
TOTALS	204441	224	50945	153272

TYPE OF VEHICLE	TOTAL	FATAL	INJURY	P.D.
1. PASSENGER CAR	343763	570	101192	242001
2. PASSENGER CAR AND TRAILER	1229	3	316	910
3. TRUCK OR TRUCK TRACTOR	46187	92	11249	34846
4. TRUCK TRACTOR AND SEMI TRAILER	4706	26	1007	3673
5. OTHER TRUCK COMBINATION	1536	9	320	1207
6. FARM TRACTOR AND/OR FARM EQUIP.	42	0	7	35
7. BUS	1084	4	300	780
8. SCHOOL BUS	976	3	174	799
9. MOTORCYCLE/MOTOR SCOOTER	3702	44	2908	750
10. OTHER/NOT STATED	29345	21	5125	24199
TOTALS	432570	772	122598	309200

DRINKING CONDITION DRIVERS	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	20392	228	8925	11239
2. NOT KNOWN IF DRINKING	53148	48	10214	42886
3. HAD NOT BEEN DRINKING	358397	494	103405	254498
TOTALS	431937	770	122544	308623

DRINKING IN ACCIDENT	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	19880	247	8702	10931
2. NOT KNOWN IF DRINKING	20021	7	2597	17417
3. HAD NOT BEEN DRINKING	196725	244	53601	142880
TOTALS	236626	498	64900	171228

DRINKING CONDITION PEDESTRIAN	NUMBER OF PEDESTRIANS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	177	53	123	1
2. NOT KNOWN IF DRINKING	3183	26	3031	126
3. HAD NOT BEEN DRINKING	615	78	528	9
TOTALS	3975	157	3682	136

TS-1 (PART 3)

AGE OF DRIVER	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. 15 AND YOUNGER	1222	7	578	637
2. 16	11390	8	3192	8190
3. 17	13876	17	3976	9883
4. 18 TO 19	29114	37	8646	20431
5. 20 TO 24	69482	149	20780	48553
6. 25 TO 34	102724	206	30945	71573
7. 35 TO 44	62793	130	19000	43663
8. 45 TO 54	34669	64	10356	24249
9. 55 TO 64	29049	60	8622	20367
10. 65 TO 74	16968	32	4766	12170
11. 75 AND OLDER	8318	31	2248	6039
12. NOT STATED *	52332	29	9435	42868
TOTALS	431937	770	122544	308623
H & R DRIVERS (Not Apprehended)	0	0	0	0

* Includes Hit & Run Drivers

SEX OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. MALE	280943	601	76684	203658
2. FEMALE	150994	169	45860	104965
TOTALS	431937	770	122544	308623

RESIDENCE OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. LOCAL RESIDENT	318659	602	94055	224002
2. RESIDING ELSEWHERE	68407	113	19821	48473
3. NON RESIDENT	5351	16	1376	3959
4. NOT STATED	39520	39	7292	32189
TOTALS	431937	770	122544	308623
DRIVERLESS MOVING	633	2	54	577

MILEAGE RATES	THIS YEAR TO DATE	LAST YEAR SAME PERIOD	PERCENT CHANGE
1. Motor Vehicle Traffic Deaths			%
2. Estimated Motor Veh. Mileage Traveled (billions)			%
3. Death Rate Per 100-Million-Vehicle-Miles			%
4. Fatal Accident Rate Per 100-Million Vehicle-Miles			%

MOTOR VEHICLE TRAFFIC ACCIDENTS IN MICHIGAN

PERIOD YEAR - 1986

Compiled by the Michigan State Police

Col. Gerald L. Hough, Director

SUMMARY OF ALL REPORTED ACCIDENTS

SUMMARY INCLUDES INFORMATION AVAILABLE

RURAL

TOTAL ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
	1. OVERTURNED	10507	118	5633	4756	16224	130	7670	8424	1718	3066	2886	10507	130	7670
	2. OTHER NON-COLLISION	1276	13	306	957	2230	13	348	1869	93	169	86	1276	13	348
COLLISION WITH:	3. PEDESTRIAN	927	85	816	26	2392	86	921	1385	383	344	194	927	86	921
COLLISION WITH:	4. M.V. IN TRANSPORT	77422	451	23163	53808	249474	528	39144	209802	6771	10715	21658	77422	528	39144
COLLISION WITH:	5. M.V. - OTHER ROADWAY	49	1	24	24	149	1	44	104	7	18	19	49	1	44
COLLISION WITH:	6. PARKED M.V.	5406	9	583	4814	7371	10	760	6601	154	289	317	5406	10	760
COLLISION WITH:	7. RAILROAD TRAIN	142	13	54	75	210	14	75	121	37	27	11	142	14	75
COLLISION WITH:	8. PEDALCYCLIST	1076	24	897	155	2686	26	954	1706	242	449	263	1076	26	954
COLLISION WITH:	9. ANIMAL	32935	4	736	32195	53276	4	857	52415	97	318	442	32935	4	857
COLLISION WITH:	10. FIXED OBJECT	33181	247	10062	22872	49234	275	12924	36035	2892	5139	4893	33181	275	12924
COLLISION WITH:	11. OTHER OBJECT	1147	3	149	995	1951	4	199	1748	38	67	94	1147	4	199
	TOTALS	164068	968	42423	120677	385197	1091	63896	320210	12432	20601	30863	164068	1091	63896

ON ROADWAY ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
	1. OVERTURNED	1449	20	940	489	2171	21	1205	945	329	542	334	1449	21	1205
	2. OTHER NON-COLLISION	991	10	258	723	1783	10	293	1480	84	148	61	991	10	293
COLLISION WITH:	3. PEDESTRIAN	835	82	747	26	2214	83	833	1298	348	311	174	855	83	833
COLLISION WITH:	4. M.V. IN TRANSPORT	77184	447	23098	53639	248724	523	39024	209177	6734	10671	21619	77184	523	39024
COLLISION WITH:	5. M.V. - OTHER ROADWAY	49	1	24	24	149	1	44	104	7	18	19	49	1	44
COLLISION WITH:	6. PARKED M.V.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION WITH:	7. RAILROAD TRAIN	138	13	54	71	205	14	75	116	37	27	11	138	14	75
COLLISION WITH:	8. PEDALCYCLIST	1048	24	873	151	2613	26	927	1660	234	440	253	1048	26	927
COLLISION WITH:	9. ANIMAL	32874	4	729	32141	53175	4	850	52321	95	318	437	32874	4	850
COLLISION WITH:	10. FIXED OBJECT	809	1	136	672	1231	1	178	1052	36	63	79	809	1	178
COLLISION WITH:	11. OTHER OBJECT	1065	3	132	930	1827	4	179	1644	31	60	88	1065	4	179
	TOTALS	116462	605	26991	88866	314092	687	43608	269797	7935	12598	23075	116462	687	43608

TRAFFIC ACCIDENT SUMMARY FOR CITIES
1986

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Adrian	1057	0	234	823	0	328
Albion	235	0	58	177	0	76
Algonac	97	0	25	72	0	37
Allegan	162	0	37	125	0	48
Allen Park	1,299	4	316	979	4	427
Alma	320	0	59	261	0	78
Alpena	409	2	103	304	2	140
Ann Arbor	4,206	3	1,061	3,142	3	1,439
Armada	19	1	1	17	1	1
Auburn Hills	1,158	4	366	788	4	530
Bad Axe	164	0	33	131	0	44
Battle Creek	2,839	7	732	2,100	7	1,007
Bay City	1,627	3	383	1,241	3	511
Belding	152	0	38	114	0	55
Benton Harbor	623	2	154	467	2	203
Berkley	664	0	194	470	0	273
Bessemer	45	0	8	37	0	11
Beverly Hills	370	1	126	243	1	176
Big Rapids	652	2	124	526	2	173
Birmingham	1,318	1	301	1,016	1	402
Blissfield	81	0	18	63	0	20
Bloomfield Hills	339	1	85	253	1	114
Boyne City	133	0	25	108	0	28
Brighton	383	0	86	297	0	120
Buchanan	131	0	34	97	0	40
Burton	1,205	7	398	800	9	561
Cadillac	600	2	135	463	2	181
Caro	238	0	44	194	0	69
Cassopolis	90	0	15	75	0	17
Center Line	546	0	148	398	0	204
Charlevoix	194	1	35	158	1	49
Charlotte	380	0	77	303	0	97
Cheboygan	57	0	37	20	0	46
Chelsea	135	0	22	113	0	37
Chesaning	97	0	16	81	0	29
Clare	153	0	25	128	0	36
Clawson	551	1	149	401	1	198
Clio	91	0	20	71	0	26
Coldwater	479	1	111	367	1	175
Corunna	110	1	23	86	1	28
Davison	175	0	49	126	0	68
Dearborn	5,334	12	1,472	3,850	12	2,102
Dearborn Heights	2,408	6	720	1,682	8	1,064
Detroit	52,184	106	15,904	36,174	116	24,043
Dowagiac	273	0	42	231	0	56
Durand	101	0	16	85	0	25
East Detroit	1,378	1	340	1,037	1	470
East Grand Rapids	245	0	31	214	0	42
East Jordan	51	0	9	42	0	14
East Lansing	1,579	0	387	1,192	0	506
Eaton Rapids	133	0	29	104	0	43
Ecorse	505	1	113	391	1	147
Escanaba	733	0	177	556	0	274
Essexville	96	0	16	80	0	22
Farmington	487	0	104	383	0	147
Farmington Hills	2,616	3	858	1,755	3	1,233
Fenton	468	3	136	329	3	189
Ferndale	664	0	346	318	0	483
Flat Rock	296	0	85	211	0	126
Flint	8,402	33	2,401	5,968	37	3,643
Flushing	178	0	42	136	0	63
Frankenmuth	167	1	28	138	1	42

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Franklin	108	2	21	85	2	32
Fraser	885	3	273	609	3	415
Fremont	210	0	47	163	0	69
Garden City	1,287	0	395	892	0	606
Gaylord	192	0	37	155	0	51
Gibralter	76	0	19	57	0	26
Gladstone	161	0	36	125	0	54
Grand Blanc	235	1	58	176	1	81
Grand Haven	791	1	153	637	1	211
Grand Ledge	166	0	45	121	0	61
Grand Rapids	9,930	12	2,463	7,455	14	3,273
Grandville	723	1	171	551	1	239
Grayling	183	1	50	132	1	75
Greenville	441	0	100	341	0	138
Grosse Pointe	181	1	38	142	1	55
Grosse Pointe Farms	238	0	50	188	0	64
Grosse Pointe Park	350	0	71	279	0	91
Grosse Pointe Shores	51	1	12	38	1	20
Grosse Pointe Woods	267	0	71	196	0	90
Hamtramck	896	4	191	701	5	264
Hancock	248	0	35	213	0	46
Harbor Springs	57	0	8	49	0	10
Harper Woods	507	0	148	359	0	208
Harrison	67	1	14	52	1	21
Hartford	62	0	10	52	0	12
Hastings	336	0	75	261	0	100
Hazel Park	1,536	2	489	1,045	2	694
Highland Park	1,275	6	402	867	8	580
Hillsdale	419	0	89	330	0	123
Holland	1,209	2	333	874	2	489
Holly	180	0	49	131	0	67
Houghton	290	1	58	231	1	84
Howell	365	0	70	295	0	121
Hudson	80	0	14	66	0	20
Hudsonville	110	0	20	90	0	24
Huntington Woods	214	1	56	157	1	79
Inkster	999	6	303	690	7	464
Ionia	295	0	58	237	0	68
Iron Mountain	254	2	84	168	2	114
Iron River	103	0	16	87	0	20
Ironwood	298	1	54	243	1	79
Ishpeming	299	0	45	254	0	62
Ithaca	65	0	10	55	0	14
Jackson	2,458	1	545	1,912	1	776
Kalamazoo	5,116	6	988	4,122	6	1,314
Keego Harbor	197	0	44	153	0	61
Kentwood	1,529	1	379	1,149	1	526
Kingsford	141	0	31	110	0	39
Lake Orion	204	0	43	161	0	56
L'Anse	69	0	18	51	0	28
Lansing	6,670	8	1,635	5,027	8	2,270
Lapeer	514	0	121	393	0	181
Lathrup Village	323	1	93	229	1	129
Laurium	41	0	5	36	0	5
Lincoln Park	1,873	4	459	1,410	4	635
Linden	48	0	10	38	0	13
Livonia	4,649	8	1,344	3,297	8	1,957
Lowell	167	0	52	115	0	82
Ludington	313	1	59	253	1	93
Madison Heights	2,098	7	667	1,424	7	996
Manchester	42	0	8	34	0	10
Manistee	349	0	75	274	0	114
Manistique	136	0	29	107	0	35

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Marine City	198	0	38	160	0	51
Marlette	70	0	10	60	0	15
Marquette	1,026	1	208	817	2	278
Marshall	253	1	42	210	1	56
Marysville	188	2	54	132	3	88
Mason	232	0	43	189	0	62
Melvindale	462	0	118	344	0	170
Memphis	32	0	7	25	0	8
Menominee	446	1	94	351	1	134
M.S.U.	463	0	102	361	0	129
Midland	1,464	4	309	1,151	4	427
Milan	95	0	18	77	0	26
Milford	194	1	44	149	1	60
Monroe	866	1	213	652	1	295
Montrose	40	0	8	32	0	8
Morrice	12	0	5	7	0	6
Mt. Clemens	874	2	252	620	2	348
Mt. Morris	104	0	24	80	0	31
Mt. Pleasant	848	1	222	625	1	319
Munising	72	0	14	58	0	15
Muskegon	2,210	4	632	1,574	4	905
Muskegon Heights	728	3	184	541	3	277
Negaunee	207	0	35	172	0	49
New Baltimore	206	0	75	131	0	121
New Buffalo	69	1	10	58	1	17
New Haven	80	1	24	55	1	40
Newberry	54	0	7	47	0	11
Niles	623	3	165	455	3	236
North Muskegon	113	0	17	96	0	24
Northville	197	0	44	153	0	67
Norton Shores	722	2	247	473	2	368
Norway	90	1	17	72	3	23
Novi	1,207	6	388	813	6	588
Oak Park	1,295	1	262	1,032	1	346
Otsego	98	0	31	67	0	34
Owosso	594	2	129	463	2	177
Oxford	153	1	33	119	1	44
Paw Paw	182	1	49	132	1	69
Perry	42	0	5	37	0	7
Petoskey	363	0	54	309	0	70
Plainwell	148	0	25	123	0	35
Pleasant Ridge	178	0	49	129	0	66
Plymouth	415	0	90	325	0	121
Pontiac	4,451	10	1,231	3,210	13	1,779
Port Huron	1,748	4	295	1,449	4	457
Portage	1,604	3	359	1,242	3	547
Portland	101	0	14	87	0	18
Richland	26	0	3	23	0	3
Richmond	131	0	27	104	0	40
River Rouge	239	4	51	184	4	69
Riverview	329	0	78	251	0	123
Rochester	412	1	70	341	1	86
Rochester Hills	2,115	5	645	1,465	5	985
Rockwood	65	0	21	44	0	29
Rogers City	70	0	12	58	0	16
Romeo	172	0	35	137	0	55
Romulus	1,545	10	435	1,100	10	626
Roosevelt Park	97	1	26	70	1	35
Roseville	2,879	3	786	2,090	3	1,093
Royal Oak	2,531	5	832	1,694	7	1,188
Saginaw	3,708	10	930	2,768	12	1,309
St. Clair	112	0	25	87	0	36
St. Clair Shores	998	4	570	424	4	864

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
St. Ignace	73	0	17	56	0	20
St. Johns	355	1	69	285	1	100
St. Joseph	477	0	94	383	0	127
St. Louis	102	0	21	81	0	28
Saline	217	0	46	171	0	65
Sandusky	58	0	9	49	0	11
Sault Ste. Marie	599	1	106	492	1	157
South Haven	198	0	50	148	0	62
South Lyon	89	0	19	70	0	32
Southfield	3,595	5	1,446	2,144	5	2,160
Southgate	1,465	3	436	1,026	3	630
Sparta	97	0	18	79	0	24
Spring Lake	147	0	36	111	0	49
Springfield	222	1	60	161	1	107
Sterling Heights	4,370	14	1,175	3,181	14	1,690
Sturgis	405	1	105	299	1	161
Swartz Creek	184	0	45	139	0	69
Taylor	3,215	14	1,111	2,090	16	1,716
Tecumseh	252	2	57	193	2	86
Three Rivers	338	0	62	276	0	87
Traverse City	1,398	1	309	1,088	1	453
Trenton	523	3	185	335	3	277
Troy	4,056	8	1,042	3,006	8	1,503
Utica	580	2	181	397	3	262
Vassar	76	0	14	62	0	21
Wakefield	49	0	9	40	0	11
Walker	885	3	226	656	5	358
Walled Lake	288	1	76	211	1	114
Warren	6,971	23	2,122	4,826	25	3,087
Wayne	713	1	232	480	1	358
W.M.U.	134	0	18	116	0	18
Westland	2,123	9	851	1,263	10	1,316
Whitehall	145	2	28	115	2	40
Williamston	72	0	12	60	0	16
Wixom	274	1	72	201	1	99
Wolverine Lake	70	0	17	53	0	30
Woodhaven	474	2	114	358	2	169
Wyandotte	1,232	1	267	964	1	362
Wyoming	3,315	7	833	2,475	7	1,138
Ypsilanti	1,401	1	261	1,139	1	378
Zeeland	132	0	37	95	0	55
Atlas Twp.	123	0	34	89	0	41
Benton Twp.	988	5	286	697	5	446
Blackman Twp.	877	5	203	669	6	303
Bloomfield Twp.	2,061	2	625	1,434	2	903
Bridgeport Twp.	497	3	122	372	3	171
Brownstown Twp.	815	2	275	538	3	438
Buena Vista Twp.	630	0	187	443	0	299
Canton Twp.	1,447	4	423	1,020	4	658
Clay Twp.	258	3	69	186	3	91
Clinton Twp.	3,558	13	1,113	2,432	15	1,599
Davison Twp.	312	0	110	202	0	167
Delhi Twp.	610	1	161	448	1	221
DeWitt Twp.	408	4	96	308	4	152
Emmet Twp.	570	3	130	437	3	205
Flint Twp.	1,952	8	604	1,340	9	907
Genesee Twp.	773	6	211	556	7	303
Grand Blanc Twp.	780	6	191	583	7	277
Green Oak Twp.	382	0	131	251	0	176
Grosse Ile Twp.	149	0	39	110	0	52
Hampton Twp.	246	2	68	176	2	108
Huron Twp.	262	0	72	190	0	110
Kalamazoo Twp.	559	3	156	400	3	214

OFF ROADWAY ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
	1. OVERTURNED	9058	98	4693	4267	14053	109	6465	7479	1389	2524	2552	9058	109	6465
	2. OTHER NON-COLLISION	285	3	48	234	447	3	55	389	9	21	25	285	3	55
COLLISION WITH:	3. PEDESTRIAN	72	3	69	0	178	3	88	87	35	33	20	72	3	88
	4. M.V. IN TRANSPORT	238	4	65	169	750	5	120	625	37	44	39	238	5	120
	5. M.V. OTHER ROADWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6. PARKED M.V.	5406	9	583	4814	7371	10	760	6601	154	289	317	5406	10	760
	7. RAILROAD TRAIN	4	0	0	4	5	0	0	5	0	0	0	4	0	0
	8. PEDALCYCLIST	28	0	24	4	73	0	27	46	8	9	10	28	0	27
	9. ANIMAL	61	0	7	54	101	0	7	94	2	0	5	61	0	7
	10. FIXED OBJECT	32372	246	9926	22200	48003	274	12746	34983	2856	5076	4814	32372	274	12746
	11. OTHER OBJECT	82	0	17	65	124	0	20	104	7	7	6	82	0	20
	TOTALS	47606	363	15432	31811	71105	404	20288	50413	4497	8003	7788	47606	404	20288

ROAD SURFACE	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DRY	100129	705	26140	73284
WET	31141	153	8547	22441
SNOWY/ICY	31219	96	7256	23867
OTHER	1579	14	480	1085
TOTAL	164068	968	42423	120677

LIGHT CONDITION	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DAYLIGHT	87898	449	24963	62486
DAWN/DUSK	10441	45	2171	8225
DARKNESS/LIGHTS	5501	48	1741	3712
DARKNESS/NO LIGHTS	59753	420	13492	45841
NOT STATED	475	6	56	413
TOTAL	164068	968	42423	120677

AGE	NUMBER OF PERSONS KILLED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED.	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	15	6	9	0	12	3	0	0	0	0
5 - 9	13	9	4	2	2	6	3	0	0	0
10 -14	36	21	15	5	14	7	7	1	2	0
15 -19	223	154	69	95	93	12	7	14	1	1
20 -24	172	133	39	104	43	12	1	12	0	0
25 -34	208	158	50	130	31	17	3	26	0	1
35 -44	118	82	36	84	14	10	0	9	1	0
45 -54	78	50	28	51	16	5	2	2	0	2
55 -64	60	35	25	36	13	7	1	0	1	2
65 -74	80	36	44	45	26	6	0	2	1	0
75 & Over	88	44	44	46	34	6	2	0	0	0
Not Stated	0	0	0	0	0	0	0	0	0	0
TOTAL	1091	728	363	598	298	91	26	66	6	6

CODE OF INJURY

A — INCAPACITATING INJURY
Any injury other than fatal which prevents normal activities and generally requires hospitalization.

B — NON-INCAPACITATING INJURY
Any injury not incapacitating but evident to others at the scene.

C — POSSIBLE INJURY
No visible injury but complaint of pain or momentary inconsciousness.

AGE	NUMBER OF PERSONS INJURED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED.	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	1244	653	591	0	1183	43	12	3	0	3
5 - 9	1675	881	794	10	1355	122	169	9	0	10
10 -14	2577	1369	1208	113	1736	149	385	157	3	34
15 -19	14186	7755	6431	7704	5404	181	180	625	2	90
20 -24	10971	6589	4382	7309	2788	103	43	638	12	78
25 -34	13489	7659	5830	9796	2530	146	66	798	12	141
35 -44	7901	3966	3935	5843	1491	98	33	355	10	71
45 -54	4278	2044	2234	3071	962	48	16	132	7	42
55 -64	3241	1503	1738	2221	907	36	5	42	2	28
65 -74	2132	926	1206	1343	716	35	7	12	4	15
75 & Over	1264	598	666	780	443	31	1	3	1	5
Not Stated	938	501	437	564	304	14	5	37	1	13
TOTAL	63896	34444	29452	38754	19819	1006	922	2811	54	530

TS-1 (PART 2) (Rev. 3-85)

RURAL

MUNICIPALITIES	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP.	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. TOWNSHIPS	358683	1063	669	394	60824	41118	19706	11934	19496	29394	296796	669	41118	394	19706
2. UNDER 1,000	6987	10	7	3	923	720	203	155	369	401	6054	7	720	3	203
3. 1,000 - 2,500	19527	18	11	7	2149	1770	379	343	738	1068	17360	11	1770	7	379
4. 2,500 - 5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. 5,000 - 10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. 10,000 - 25,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. 25,000 - 50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. 50,000 - 100,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. 100,000 - 250,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10. 250,000 OR MORE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	385197	1091	687	404	63896	43608	20288	12432	20601	30863	320210	687	43608	404	20288

MUNICIPALITIES	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. TOWNSHIPS	153924	941	40247	112736	109042	588	25296	83158	44882	353	14951	29578	153924	941	40247	112736
2. UNDER 1,000	2717	10	621	2086	1880	7	459	1414	837	3	162	672	2717	10	621	2086
3. 1,000 - 2,500	7427	17	1555	5855	5540	10	1236	4294	1887	7	319	1561	7427	17	1555	5855
4. 2,500 - 5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. 5,000 - 10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. 10,000 - 25,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. 25,000 - 50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. 50,000 - 100,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. 100,000 - 250,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10. 250,000 OR MORE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	164068	968	42423	120677	116462	605	26991	88866	47606	363	15432	31811	164068	968	42423	120677

CLASS OF TRAFFICWAY	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP.	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. INTERSTATE SYSTEM	22257	44	22	22	3452	1995	1457	664	1086	1702	18761	22	1995	22	1457
2. OTHER FULL CONTROL	4432	14	7	7	703	332	371	142	237	324	3715	7	332	7	371
3. OTHER U.S. ROUTE	37900	105	84	21	5756	4618	1138	1088	1723	2945	32039	84	4618	21	1138
4. OTHER STATE M ROUTES	90222	259	203	56	13995	11586	2409	2669	4036	7290	75968	203	11586	56	2409
5. OTHER MAJOR ART'L.	7166	12	11	1	1167	1075	92	169	329	669	5987	11	1075	1	92
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS--N.K.	223220	657	360	297	38823	24002	14821	7700	13190	17933	183740	360	24002	297	14821
TOTALS	385197	1091	687	404	63896	43608	20288	12432	20601	30863	320210	687	43608	404	20288

CLASS OF TRAFFICWAY	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. INTERSTATE SYSTEM	9644	43	2392	7209	6143	22	1284	4837	3501	21	1108	2372	9644	43	2392	7209
2. OTHER FULL CONTROL	2168	14	494	1660	1379	7	219	1153	789	7	275	507	2168	14	494	1660
3. OTHER U.S. ROUTE	14768	92	3600	11076	11916	73	2732	9111	2852	19	868	1965	14768	92	3600	11076
4. OTHER STATE M ROUTES	34984	230	8747	26007	29187	178	6897	22112	5797	52	1850	3895	34984	230	8747	26007
5. OTHER MAJOR ART'L.	2459	12	720	1727	2187	11	646	1530	272	1	74	197	2459	12	720	1727
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS – N.K.	100045	577	26470	72998	65650	314	15213	50123	34395	263	11257	22875	100045	577	26470	72998
TOTALS	164068	968	42423	120677	116462	605	26991	88866	47606	363	15432	31811	164068	968	42423	120677

PEDESTRIAN ACCIDENTS	ALL ACCIDENTS			FATAL			INJURY			PROPERTY DAMAGE		
	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.
1. CAR GOING STRAIGHT	792	168	624	84	7	77	687	157	530	21	4	17
2. CAR TURNING STRAIGHT	32	24	8	0	0	0	31	23	8	1	1	0
3. CAR TURNING LEFT	28	21	7	0	0	0	28	21	7	0	0	0
4. CAR BACKING	42	6	36	1	0	1	38	6	32	3	0	3
5. ALL OTHERS	26	7	19	0	0	0	25	7	18	1	0	1
6. NOT STATED	7	0	7	0	0	0	7	0	7	0	0	0
TOTALS	927	226	701	85	7	78	816	214	602	26	5	21

PEDESTRIAN ACTIONS BY AGE	PEDESTRIANS KILLED	AGE OF PEDESTRIANS KILLED AND INJURED									
		TOTAL	0 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 TO 44	45 TO 64	65 & OLDER	NOT STATED
1a. CROSSING AT INTERSECTION OR IN CROSSWALK	8	162	5	26	33	33	10	24	16	13	2
1b. CROSSING NOT AT INTERSECTION OR IN CROSSWALK	36	344	33	70	59	50	24	51	21	34	2
2a. WALKING IN ROADWAY – WITH TRAFFIC	13	138	1	6	22	31	15	42	15	5	1
2b. WALKING IN ROADWAY – AGAINST TRAFFIC	5	21	0	0	8	7	1	1	4	0	0
3. STANDING IN ROADWAY	6	62	0	2	3	13	9	25	6	2	2
4. PUSHING OR WORKING ON VEHICLE IN ROADWAY	4	65	0	0	1	13	17	25	7	1	1
5. OTHER WORKING IN ROADWAY	2	19	0	1	0	0	3	10	4	0	1
6. PLAYING IN ROADWAY	0	13	1	7	1	1	1	0	1	0	1
7. OTHER IN ROADWAY	7	92	3	6	9	11	20	25	12	4	2
8. NOT IN ROADWAY	5	154	3	9	18	28	13	58	8	15	2
9. NOT STATED	5	27	0	1	2	6	2	10	2	4	0
TOTALS	91	1097	46	128	156	193	115	271	96	78	14

TS-1 (PART 2)

TS-1 (PART 3) (Rev. 3-85)

RURAL

	TWO MOTOR VEHICLE ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
AT INTERSECTION	1. ENTERING AT ANGLE	15050	136	5308	9606
	2a. FROM SAME DIRECTION (both going straight)	2839	3	569	2267
	2b. SAME – ONE TURN, ONE STRAIGHT	3564	4	816	2744
	2c. SAME –ONE STOPPED	7689	5	2296	5388
	2d. SAME–ALL OTHERS	626	0	32	594
	3a. FROM OPP. DIRECTION (both going straight)	993	8	378	607
	3b. SAME–ONE LEFT TURN, ONE STRAIGHT	4279	21	1831	2427
	3c. SAME–ALL OTHERS	179	0	42	137
	4. NOT STATED	910	1	69	840
	TOTALS	36129	178	11341	24610

	TWO MOTOR VEHICLE ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
NOT AT INTERSECTION	1. GOING OPP. DIRECTION (both going straight)	5699	185	2176	3338
	2. GOING SAME DIRECTION (both moving)	11061	30	2624	8407
	3a. ONE CAR PARKED	4496	8	514	3974
	3b. ONE CAR STOPPED IN TRAFFIC	7750	11	2506	5233
	4a. ONE CAR ENTERING PARKED POS.	35	0	7	28
	4b. ONE CAR LEAVING PARKED POS.	217	0	30	187
	5a. ONE CAR ENTER. DRIVEWAY ACCESS	8617	25	2704	5888
	5b. ONE CAR LEAVING DRIVEWAY ACCESS	8133	23	1708	6402
	6. ALL OTHERS/NOT STATED	740	1	160	579
	TOTALS	46748	283	12429	34036

	ALL OTHER ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
AT INTER.	COLLISION WITH: 1. OTHER ROAD VEH., OR RR TRAIN	477	5	375	97
	COLLISION WITH: 2. FIXED OBJECT	6077	16	1649	4412
	COLLISION WITH: 3. OTHER OBJECT OR ANIMAL	844	2	47	795
	4. OVERTURNING	1006	11	588	407
	5. OTHER NONCOLLISION	199	4	67	128
NOT AT INTER.	COLLISION WITH: 6. OTHER ROAD VEH., OR RR TRAIN	741	32	576	133
	COLLISION WITH: 7. FIXED OBJECT	27104	231	8413	18460
	COLLISION WITH: 8. OTHER OBJECT OR ANIMAL	33238	5	838	32395
	9. OVERTURNING	9501	107	5045	4349
	10. OTHER NONCOLLISION	1072	9	238	825
	11. NOT STATED	5	0	1	4
	TOTALS	80264	422	17837	62005

HAZARDOUS ACTION *	NUMBER OF TRAFFIC UNITS TOTAL	FATAL	INJURY	P.D.
1. NO VIOLATION	125533	656	30379	94498
2. SPEED TOO FAST	23944	312	8950	14682
3. SPEED TOO SLOW	148	1	65	82
4. DISREGARD CONTROL/ROW	25095	239	9397	15459
5. WRONG WAY	142	8	63	71
6. LEFT CENTER/IMPROPER PASS/LANE	11471	158	3011	8302
7. IMPROPER TURN/SIGNAL	4744	15	1174	3555
8. IMPROPER BACKING/START	4208	2	240	3966
9. FOLLOWING/UNABLE TO STOP	47890	164	15381	32345
10. OTHER/NOT KNOWN	6377	37	2052	4288
11.				
12.				
13.				
14.				
TOTALS	249552	1592	70712	177248

CONTRIBUTING CIRCUMSTANCE *	NUMBER OF TRAFFIC UNITS TOTAL	FATAL	INJURY	P.D.
1. NONE	118875	592	28505	89778
2. OUIL/DRUGS	6361	300	3008	3053
3. RECKLESS/CARELESS	5394	68	2823	2503
4. INATTENTION/III/ETC.	2487	9	1028	1450
5. VIOLATION LICENSE RESTRICTION	22	0	11	11
6. OBSCURED VISION	2927	9	964	1954
7. DEFECTIVE EQUIPMENT	2551	4	797	1750
8. LOST CONTROL/LOAD/WIND	160	1	42	117
9. SKIDDING	11420	71	3183	8166
10. OTHER/NOT KNOWN	99355	538	30351	68466
11.				
12.				
13.				
14.				
TOTALS	249552	1592	70712	177248

* Includes pedestrians and drivers

MANNER OF TWO MOTOR VEHICLE COLLISION	TOTAL	FATAL	INJURY	P.D.
1. HEAD ON	6337	191	2440	3706
2. REAR END	12362	29	2897	9436
3. SIDESWIPE - MEETING	91	0	21	70
4. SIDESWIPE - PASSING	243	0	26	217
5. ANGLE	9002	118	3924	4960
6. BACKED INTO	1421	0	76	1345
7. ALL OTHERS	53393	123	14377	38893
8. NOT STATED	28	0	9	19
TOTALS	82877	461	23770	58646

TYPE OF VEHICLE	TOTAL	FATAL	INJURY	P.D.
1. PASSENGER CAR	186106	1048	52428	132630
2. PASSENGER CAR AND TRAILER	1056	6	237	813
3. TRUCK OR TRUCK TRACTOR	41728	239	10237	31252
4. TRUCK TRACTOR AND SEMI TRAILER	3782	59	997	2726
5. OTHER TRUCK COMBINATION	1716	14	365	1337
6. FARM TRACTOR AND/OR FARM EQUIP.	352	6	120	226
7. BUS	151	1	32	118
8. SCHOOL BUS	686	1	133	552
9. MOTORCYCLE/MOTOR SCOOTER	3039	69	2546	424
10. OTHER/NOT STATED	8953	23	1720	7210
TOTALS	247569	1466	68815	177288

DRINKING CONDITION DRIVERS	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	19234	478	9130	9626
2. NOT KNOWN IF DRINKING	12443	22	2195	10226
3. HAD NOT BEEN DRINKING	215621	964	57449	157208
TOTALS	247298	1464	68774	177060

DRINKING IN ACCIDENT	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	18705	474	8819	9412
2. NOT KNOWN IF DRINKING	5039	5	610	4424
3. HAD NOT BEEN DRINKING	140324	489	32994	106841
TOTALS	164068	968	42423	120677

DRINKING CONDITION PEDESTRIAN	NUMBER OF PEDESTRIANS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	56	37	18	1
2. NOT KNOWN IF DRINKING	938	18	895	25
3. HAD NOT BEEN DRINKING	146	47	98	1
TOTALS	1140	102	1011	27

TS-1 (PART 3)

AGE OF DRIVER	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. 15 AND YOUNGER	1101	16	615	470
2. 16	9900	45	3154	6701
3. 17	11012	61	3403	7548
4. 18 TO 19	20702	137	6437	14128
5. 20 TO 24	41612	250	12490	28872
6. 25 TO 34	60435	353	16875	43207
7. 35 TO 44	39140	218	10248	28674
8. 45 TO 54	21283	127	5502	15654
9. 55 TO 64	15011	99	3943	10969
10. 65 TO 74	8653	85	2400	6168
11. 75 AND OLDER	4279	63	1377	2839
12. NOT STATED *	14170	10	2330	11830
TOTALS	247298	1464	68774	144060
H & R DRIVERS (Not Apprehended)	0	0	0	0

* Includes Hit & Run Drivers

SEX OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. MALE	163794	1102	43959	118733
2. FEMALE	83504	362	24815	58327
TOTALS	247298	1464	68774	177060

RESIDENCE OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. LOCAL RESIDENT	171129	1001	48987	121141
2. RESIDING ELSEWHERE	58745	387	15997	42361
3. NON RESIDENT	5446	47	1649	3750
4. NOT STATED	11978	29	2141	9808
TOTALS	247298	1464	68774	177060
DRIVERLESS MOVING	271	2	41	228

MILEAGE RATES	THIS YEAR TO DATE	LAST YEAR SAME PERIOD	PERCENT CHANGE
1. Motor Vehicle Traffic Deaths			%
2. Estimated Motor Veh. Mileage Traveled (billions)			%
3. Death Rate Per 100-Million-Vehicle-Miles			%
4. Fatal Accident Rate Per 100-Million-Vehicle-Miles			%

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Leoni Twp.	640	3	170	467	3	252
Meridian Twp.	1,202	1	324	877	1	487
Montrose Twp.	135	1	48	86	1	84
Mt. Morris Twp.	985	6	335	644	7	516
Napoleon Twp.	199	4	60	135	4	80
Niles Twp.	467	7	144	316	7	232
Northville Twp.	337	2	107	228	2	172
Oakland Twp.	288	3	104	181	3	152
Pittsfield Twp.	986	5	244	737	5	331
Redford Twp.	2,267	6	565	1,696	7	805
Richfield Twp.	225	1	73	151	1	96
Saginaw Twp.	1,540	3	393	1,144	3	563
St. Joseph Twp.	322	2	86	234	3	125
Shelby Twp.	1,581	8	464	1,109	9	715
Spaulding Twp.	92	0	18	74	0	29
Van Buren Twp.	720	6	184	530	6	276
Vienna Twp.	435	4	147	284	4	222
Waterford Twp.	3,841	11	1,183	2,647	13	1,841
West Bloomfield Twp.	1,458	2	338	1,118	2	490
White Lake Twp.	575	2	188	385	2	288
Wright Twp.	40	0	15	25	0	24

REPORTED STATEWIDE TRAFFIC ACCIDENTS BY COUNTY IN MICHIGAN

County	All	Fatal	Injury	Property Damage	Inter-state	Local Street	State Route	Persons Killed	Persons Injured
Alcona	461	3	85	373	0	262	199	5	113
Alger	335	3	81	251	0	134	201	3	117
Allegan	3,141	12	779	2,350	170	2,020	951	14	1,214
Alpena	1,117	8	242	867	0	589	528	8	352
Antrim	717	8	153	556	0	405	312	9	232
Arenac	873	7	169	697	81	404	388	7	257
Baraga	298	2	64	232	0	144	154	3	117
Barry	2,193	18	511	1,664	0	1,477	716	20	731
Bay	4,313	25	1,143	3,145	341	2,412	1,660	28	1,699
Benzie	491	0	99	392	0	301	190	0	153
Berrien	6,605	36	1,802	4,767	802	3,895	1,908	40	2,683
Branch	1,756	9	393	1,354	129	1,120	507	10	602
Calhoun	6,402	27	1,525	4,850	1,060	4,221	1,121	32	2,201
Cass	1,974	13	445	1,516	0	1,123	851	18	665
Charlevoix	1,066	2	196	868	0	534	532	2	270
Cheboygan	809	9	246	554	163	399	247	10	365
Chippewa	1,078	1	222	855	264	631	183	1	321
Clare	1,349	6	251	1,092	0	672	677	8	405
Clinton	2,362	15	546	1,801	264	1,429	669	17	822
Crawford	741	5	166	570	254	306	181	5	254
Delta	1,731	3	377	1,351	0	1,067	664	3	585
Dickinson	1,130	6	235	889	0	512	618	9	331
Eaton	3,693	19	912	2,762	420	1,678	1,595	19	1,349
Emmet	1,237	5	265	967	16	612	609	5	381
Genesee	18,578	91	5,519	12,968	1,514	12,644	4,420	103	8,261
Gladwin	962	3	159	800	0	544	418	3	246
Gogebic	587	2	103	482	0	306	281	2	149
Grand Traverse	3,395	14	855	2,526	0	2,204	1,191	14	1,262
Gratiot	1,500	4	322	1,174	0	894	606	4	449

REPORTED STATEWIDE TRAFFIC ACCIDENTS BY COUNTY IN MICHIGAN (Continued)

County	All	Fatal	Injury	Property Damage	Inter-state	Local Street	State Route	Persons Killed	Persons Injured
Hillsdale	1,834	10	395	1,429	0	1,175	659	10	568
Houghton	1,176	3	229	944	0	471	705	3	328
Huron	1,398	6	321	1,071	0	657	741	7	482
Ingham	13,317	21	3,209	10,087	1,938	7,710	3,669	23	4,471
Ionia	2,290	15	528	1,747	256	1,403	631	17	755
Iosco	1,398	8	261	1,129	0	740	658	9	392
Iron	576	3	87	486	0	279	297	3	135
Isabella	2,214	16	496	1,702	0	1,436	778	19	759
Jackson	6,952	28	1,657	5,267	1,070	4,416	1,466	33	2,398
Kalamazoo	10,551	32	2,271	8,248	953	7,461	2,137	34	3,204
Kalkaska	725	5	177	543	0	379	346	8	272
Kent	22,614	58	5,679	16,877	1,099	15,589	5,926	64	7,949
Keweenaw	68	1	17	50	0	23	45	1	24
Lake	585	3	97	485	0	353	232	3	137
Lapeer	2,938	18	776	2,144	117	1,694	1,127	20	1,267
Leelanau	625	1	129	495	0	298	327	1	191
Lenawee	3,608	24	870	2,714	0	2,039	1,569	27	1,317
Livingston	4,144	15	1,171	2,958	673	2,692	779	17	1,715
Luce	239	1	50	188	0	104	135	1	80
Mackinac	591	6	115	470	60	193	338	7	174
Macomb	28,783	94	8,646	20,043	1,463	18,485	8,835	103	12,605
Manistee	979	4	172	803	0	593	386	4	263
Marquette	2,720	6	587	2,127	0	1,651	1,069	7	835
Mason	1,257	6	231	1,020	0	765	492	8	341
Mecosta	2,140	12	366	1,762	0	1,137	1,003	13	547
Menominee	1,522	9	252	1,261	0	834	688	12	370
Midland	2,949	18	629	2,302	0	2,180	769	21	941
Missaukee	363	1	91	271	0	189	174	1	135
Monroe	4,491	27	1,471	2,993	418	2,628	1,445	27	2,239
Montcalm	2,466	14	488	1,964	0	1,401	1,065	17	750
Montmorency	444	2	84	358	0	240	204	2	122
Muskegon	6,507	23	1,870	4,614	352	4,681	1,474	23	2,736
Newaygo	1,772	16	400	1,356	0	1,056	716	19	626
Oakland	48,416	121	14,564	33,731	4,271	33,567	10,578	130	21,280
Oceana	854	3	211	640	0	572	282	3	302
Ogemaw	1,087	3	189	895	209	634	244	3	280
Ontonagon	327	3	68	256	0	103	224	3	100
Osceola	1,332	6	201	1,125	0	686	646	8	328
Oscoda	463	0	72	391	0	247	216	0	117
Otsego	810	4	180	626	190	434	186	4	280
Ottawa	6,070	35	1,597	4,438	345	4,116	1,609	36	2,325
Presque Isle	618	3	82	533	0	328	290	4	126
Roscommon	989	9	207	773	81	440	468	10	333
Saginaw	9,350	35	2,431	6,884	539	5,666	3,145	39	3,589
St. Clair	5,340	33	1,305	4,002	852	3,133	1,355	39	2,027
St. Joseph	2,497	9	668	1,820	0	1,229	1,268	9	955
Sanilac	1,558	9	330	1,219	0	795	763	12	510
Schoolcraft	395	2	95	298	0	141	254	3	122
Shiawassee	2,532	23	674	1,835	199	1,481	852	27	987
Tuscola	2,030	17	506	1,507	0	1,228	802	19	804
Van Buren	2,610	16	728	1,866	373	1,633	604	17	1,080
Washtenaw	11,903	36	3,040	8,827	1,437	7,484	2,982	40	4,244
Wayne	94,886	232	28,113	66,541	8,876	63,876	22,134	254	41,961
Wexford	1,497	5	375	1,117	0	598	899	6	568
TOTALS	400,694	1,466	107,323	291,905	31,149	256,282	113,263	1,632	158,032

MOTOR VEHICLE TRAFFIC DEATHS BY COUNTY

County	1982	1983	1984	1985	1986	5 Year Total
POPULATION UNDER 10,000						
Alcona.....	1	1	1	4	5	12
Alger.....	1	1	2	5	3	12
Baraga.....	2	3	3	7	3	18
Crawford.....	3	2	4	4	5	18
Keweenaw.....	1	1	0	0	1	3
Lake.....	3	5	0	4	3	15
Luce.....	1	3	3	1	1	9
Montmorency.....	3	2	3	3	2	13
Ontonagon.....	6	3	3	1	3	16
Oscoda.....	3	4	5	2	0	14
Schoolcraft.....	5	0	0	3	3	11
POPULATION 10,000-15,000						
Arenac.....	7	3	7	7	7	31
Benzie.....	2	5	2	2	0	11
Iron.....	0	1	3	0	3	7
Kalkaska.....	7	4	3	2	8	24
Leelanau.....	4	0	6	6	1	17
Mackinac.....	6	6	6	3	7	28
Missaukee.....	1	1	8	2	1	13
Otsego.....	3	6	5	8	4	26
Presque Isle....	4	1	3	2	4	14
POPULATION 15,000-25,000						
Antrim.....	2	3	2	10	9	26
Charlevoix.....	2	5	6	4	2	19
Cheboygan.....	5	3	3	1	10	22
Clare.....	5	5	14	4	8	36
Emmet.....	7	5	7	12	5	36
Gladwin.....	3	4	9	1	3	20
Gogebic.....	2	7	4	1	2	16
Manistee.....	7	3	2	2	4	18
Oceana.....	9	6	8	3	2	28
Ogemaw.....	8	8	6	4	3	29
Osceola.....	10	8	6	6	8	38
Roscommon.....	1	4	6	4	10	25

MOTOR VEHICLE TRAFFIC DEATHS BY COUNTY (Continued)

County	1982	1983	1984	1985	1986	5 Year Total
POPULATION 25,000-50,000						
Alpena	14	6	1	6	8	35
Barry	19	12	10	14	20	75
Branch	5	15	7	8	10	45
Cass	9	13	19	7	18	66
Chippewa	8	2	7	3	1	21
Delta	6	7	4	7	3	27
Dickinson	1	6	4	3	9	23
Gratiot	11	8	11	12	4	46
Hillsdale	7	14	15	11	10	57
Houghton	5	6	5	6	3	25
Huron	7	2	14	13	7	43
Iosco	6	10	12	7	9	44
Mason	4	14	6	4	8	36
Mecosta	7	13	8	4	13	45
Menominee	7	4	3	4	12	30
Montcalm	13	12	16	9	17	67
Newaygo	5	12	4	11	20	52
Sanilac	12	8	7	8	13	48
Wexford	6	10	8	8	6	38
POPULATION 50,000-100,000						
Allegan	21	20	18	32	14	105
Clinton	12	14	20	13	17	76
Eaton	13	12	18	21	19	83
Grand Traverse	16	10	12	16	14	68
Ionia	6	17	12	14	17	66
Isabella	12	18	15	13	19	77
Lapeer	17	23	18	20	20	98
Lenawee	17	17	19	17	27	97
Marquette	7	11	8	9	7	42
Midland	13	11	6	10	21	61
Shiawassee	17	10	19	19	27	92
St. Joseph	10	11	21	25	9	76
Tuscola	8	10	15	17	19	69
Van Buren	16	11	17	15	17	76
POPULATION OVER 100,000						
Bay	20	11	19	16	28	94
Berrien	24	23	40	45	40	172
Calhoun	18	16	25	29	32	120
Genesee	86	56	86	70	103	401
Ingham	33	33	27	33	23	149
Jackson	28	28	25	23	33	137
Kalamazoo	21	21	26	37	34	139
Kent	62	68	64	74	64	332
Livingston	20	31	24	26	17	118
Macomb	83	65	105	87	103	443
Monroe	34	24	39	32	27	156
Muskegon	31	25	27	25	23	131
Oakland	151	117	132	161	130	691
Ottawa	14	19	29	22	36	120
Saginaw	36	30	45	39	39	189
St. Clair	37	23	41	32	38	171
Washtenaw	38	33	59	42	40	212
Wayne	220	226	224	272	254	1,196
TOTALS	1,417	1,331	1,556	1,569	1,632	7,505

MOTOR VEHICLE TRAFFIC DEATHS IN SELECTED CITIES 10,000 POPULATION AND OVER

City	1982	1983	1984	1985	1986	5 Year Total
POPULATION 10,000-15,000						
Albion.....	0	0	0	0	0	0
Alpena.....	2	3	0	0	2	7
Benton Harbor...	2	3	3	4	2	14
Beverly Hills...	0	1	0	1	1	3
Big Rapids.....	0	2	0	0	2	4
Center Line.....	2	2	4	0	0	8
East Grand Rapids	1	0	0	0	0	1
Ecorse.....	1	1	0	1	1	4
Escanaba.....	1	2	0	1	0	4
Farmington.....	0	0	0	0	0	0
Fraser.....	2	1	5	1	3	12
Grand Haven.....	0	0	0	2	1	3
Grandville.....	1	0	1	1	1	4
Grosse Pointe Farms	0	0	1	0	0	1
Grosse Pointe Park	0	0	2	0	0	2
Melvindale.....	0	1	2	0	0	3
Menominee.....	0	0	1	0	1	2
Muskegon Heights	2	1	1	1	3	8
Niles.....	1	0	1	2	3	7
Plymouth.....	1	1	0	0	0	2
River Rouge.....	0	0	0	1	4	5
Riverview.....	3	2	0	2	0	7
St. Joseph.....	0	3	0	0	0	3
Sault Ste. Marie	0	1	0	1	1	3
POPULATION 15,000-25,000						
Adrian.....	2	1	2	7	0	12
Berkley.....	1	1	1	0	0	3
Birmingham.....	2	1	0	2	1	6
Clawson.....	0	0	2	3	1	6
Grosse Pointe Woods	1	0	0	0	0	1
Hamtramck.....	0	0	0	2	5	7
Harper Woods....	5	0	2	0	0	7
Hazel Park.....	2	2	3	1	2	10
Holland.....	2	1	1	2	2	8
Marquette.....	0	3	1	3	2	9
Monroe.....	4	1	2	2	1	10
Mount Clemens...	2	2	2	3	2	11
Mount Pleasant..	2	2	1	2	1	8
Norton Shores...	5	3	3	1	2	14
Owosso.....	0	0	1	1	2	4
Romulus.....	6	9	6	9	10	40
Traverse City...	3	1	2	0	1	7
Trenton.....	1	0	1	3	3	8
Walker.....	5	4	2	4	5	20
Wayne.....	0	0	2	5	1	8
Ypsilanti.....	1	2	2	2	1	8

MOTOR VEHICLE TRAFFIC DEATHS IN SELECTED CITIES
10,000 POPULATION AND OVER (Continued)

City	1982	1983	1984	1985	1986	5 Year Total
POPULATION 25,000-50,000						
Allen Park.....	1	1	1	1	4	8
Battle Creek....	3	4	9	8	7	31
Bay City.....	3	1	1	2	3	10
East Detroit....	3	1	2	3	1	10
Ferndale.....	3	0	3	4	0	10
Garden City.....	1	1	6	1	0	9
Highland Park...	1	0	3	7	8	19
Inkster.....	5	1	1	1	7	15
Jackson.....	4	2	0	4	1	11
Kentwood.....	5	4	3	3	1	16
Lincoln Park....	4	8	5	1	4	22
Madison Heights.	4	2	1	4	7	18
Midland.....	5	5	1	1	4	16
Muskegon.....	2	3	5	3	4	17
Oak Park.....	3	0	2	0	1	6
Port Huron.....	3	1	6	6	4	20
Portage.....	2	3	6	7	3	21
Southgate.....	3	5	3	1	3	15
Wyandotte.....	0	2	1	2	1	6
POPULATION OVER 50,000						
Ann Arbor.....	7	4	7	1	3	22
Dearborn.....	12	10	15	17	12	66
Dearborn Heights	3	4	5	3	8	23
Detroit.....	107	112	128	161	116	624
East Lansing....	4	7	0	3	0	14
Flint.....	17	14	17	23	37	108
Grand Rapids....	14	18	15	9	14	70
Kalamazoo.....	3	4	5	4	6	22
Lansing.....	10	10	9	11	8	48
Livonia.....	13	8	6	6	8	41
Pontiac.....	9	5	8	12	13	47
Roseville.....	7	4	5	5	3	24
Royal Oak.....	7	6	7	2	7	29
Saginaw.....	9	6	8	4	12	39
St. Clair Shores	6	6	9	3	4	28
Southfield.....	11	2	4	7	5	29
Sterling Heights	7	9	13	15	14	58
Taylor.....	9	13	2	8	16	48
Troy.....	10	12	9	15	8	54
Warren.....	15	11	23	14	25	88
Westland.....	7	10	8	5	10	40
Wyoming.....	9	2	4	9	7	31

DEATHS, INJURIES, AND ACCIDENTS BY LOCATION

Year	Total	Statewide		Rural	
		Urban	Rural	Trunk-line	County Road
DEATHS					
1967.....	2,137	719	1,418	734	684
1968.....	2,392	703	1,689	865	824
1969.....	2,487	769	1,718	908	810
1970.....	2,177	662	1,515	746	769
1971.....	2,152	661	1,491	737	754
1972.....	2,258	737	1,521	743	778
1973.....	2,213	709	1,504	730	774
1974.....	1,875	640	1,235	533	702
1975.....	1,811	610	1,201	692	509
1976.....	1,955	691	1,264	569	695
1977.....	1,950	628	1,322	605	717
1978.....	2,076	677	1,399	641	758
1979.....	1,849	580	1,269	579	690
1980.....	1,774	601	1,173	518	655
1981.....	1,589	533	1,056	451	605
1982.....	1,417	484	933	422	511
1983.....	1,331	433	898	355	543
1984.....	1,556	486	1,070	450	620
1985.....	1,569	524	1,045	470	575
1986.....	1,632	541	1,091	434	657
INJURIES					
1967.....	151,297	95,583	55,714	26,122	29,592
1968.....	160,413	99,813	60,600	27,386	33,214
1969.....	175,400	114,409	60,991	27,790	33,201
1970.....	161,719	102,960	58,759	26,205	32,554
1971.....	157,664	99,762	57,902	25,890	32,012
1972.....	178,929	115,834	63,095	28,147	34,948
1973.....	169,485	108,170	61,315	25,599	35,716
1974.....	141,132	88,755	52,377	20,209	32,168
1975.....	147,299	91,573	55,726	21,053	34,673
1976.....	162,894	99,704	63,190	25,251	37,939
1977.....	166,389	99,612	66,777	26,927	39,850
1978.....	169,202	99,533	69,669	28,194	41,475
1979.....	162,571	97,167	65,404	26,171	39,233
1980.....	144,972	85,760	59,212	22,508	36,704
1981.....	136,455	80,736	55,719	21,431	34,288
1982.....	130,061	76,885	53,176	21,024	32,152
1983.....	135,811	80,792	55,019	21,457	33,562
1984.....	150,740	89,912	60,828	24,427	36,401
1985.....	157,417	94,355	63,062	25,628	37,434
1986.....	158,032	94,136	63,896	25,073	38,823
ACCIDENTS					
1967.....	299,004	212,094	86,910	38,233	48,677
1968.....	305,495	209,854	95,641	42,021	53,620
1969.....	331,223	231,375	99,848	44,131	55,717
1970.....	313,715	210,932	102,783	44,984	57,799
1971.....	314,015	204,095	109,920	48,941	60,979
1972.....	359,745	236,116	123,629	53,673	69,956
1973.....	350,864	228,660	122,204	50,431	71,773
1974.....	324,763	210,716	114,047	43,396	70,651
1975.....	333,560	213,934	119,626	44,707	74,919
1976.....	365,600	232,293	133,307	52,401	80,906
1977.....	374,751	232,322	142,429	55,813	86,616
1978.....	389,193	239,201	149,992	58,582	91,410
1979.....	366,435	226,717	139,718	54,759	84,959
1980.....	314,594	189,285	125,309	46,853	78,456
1981.....	302,831	180,528	122,303	46,378	75,925
1982.....	294,971	176,752	118,219	45,222	72,997
1983.....	300,797	178,906	121,891	46,387	75,504
1984.....	335,193	198,846	136,347	53,865	82,482
1985.....	386,904	231,318	155,586	62,087	93,499
1986.....	400,694	236,626	164,068	64,023	100,045

MOTOR VEHICLE TRAFFIC DEATHS IN MICHIGAN BY MONTH

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1937.....	189	127	149	142	161	176	221	234	202	224	181	169	2,175
1938.....	118	65	84	91	109	99	126	139	153	164	161	145	1,454
1939.....	101	89	103	80	118	122	172	150	128	166	164	187	1,580
1940.....	122	98	137	99	130	141	127	161	158	216	184	157	1,730
1941.....	131	128	152	128	193	178	195	231	176	230	219	172	2,133
1942.....	139	114	89	96	129	92	120	125	146	109	87	79	1,325
1943.....	59	51	79	44	75	89	82	67	110	118	96	122	992
1944.....	130	100	81	82	49	57	59	95	68	97	116	100	1,034
1945.....	71	60	85	78	74	71	94	88	118	160	131	120	1,150
1946.....	107	98	121	88	110	106	119	130	123	143	160	165	1,470
1947.....	86	86	85	113	124	114	134	149	134	142	145	135	1,447
1948.....	89	64	92	109	125	118	138	134	150	133	165	195	1,512
1949.....	101	82	106	91	110	99	116	138	169	144	149	136	1,441
1950.....	105	84	87	139	122	125	153	152	157	174	154	153	1,605
1951.....	131	103	103	117	119	137	170	163	158	146	160	133	1,640
1952.....	81	121	125	94	145	169	140	184	181	152	166	178	1,736
1953.....	139	116	136	132	134	173	176	183	187	187	167	175	1,905
1954.....	130	126	100	119	149	132	182	167	168	167	153	200	1,793
1955.....	134	117	116	160	157	192	169	209	160	204	208	190	2,016
1956.....	166	136	132	140	133	115	149	159	169	144	145	158	1,746
1957.....	121	98	118	118	130	122	127	152	123	143	135	161	1,548
1958.....	94	90	95	89	92	112	120	134	132	113	165	146	1,382
1959.....	76	69	91	126	126	124	148	128	155	125	144	161	1,473
1960.....	139	76	102	105	107	133	159	154	137	186	152	154	1,604
1961.....	105	99	113	138	133	114	141	166	128	139	148	143	1,567
1962.....	94	70	115	110	123	147	166	175	170	172	118	114	1,574
1963.....	107	95	124	142	148	173	188	177	163	179	196	195	1,887
1964.....	170	159	158	144	164	167	217	197	177	199	177	193	2,122
1965.....	153	113	135	143	156	181	211	220	193	214	172	245	2,136
1966.....	147	156	179	151	207	204	212	206	203	220	205	208	2,298
1967.....	130	105	141	162	187	140	210	189	223	230	216	204	2,137
1968.....	130	147	164	150	240	214	208	233	209	248	283	166	2,392
1969.....	137	158	173	169	239	236	218	254	230	236	219	218	2,487
1970.....	167	143	160	141	214	205	197	204	213	217	178	138	2,177
1971.....	137	124	155	144	187	212	222	227	155	209	202	178	2,152
1972.....	156	161	155	150	204	209	225	210	225	219	174	170	2,258
1973.....	187	156	173	140	180	230	225	201	204	209	171	137	2,213
1974.....	111	112	107	116	144	197	189	178	200	195	201	125	1,875
1975.....	120	97	112	93	149	169	195	203	190	162	161	160	1,811
1976.....	118	102	134	150	163	169	196	227	189	171	174	162	1,955
1977.....	126	87	122	143	184	179	223	194	164	189	181	158	1,950
1978.....	98	104	128	177	178	203	206	229	214	199	183	157	2,076
1979.....	102	103	129	152	146	155	190	171	174	187	171	169	1,849
1980.....	117	131	109	116	153	170	142	183	192	152	133	176	1,774
1981.....	99	100	108	116	116	155	159	171	149	155	113	148	1,589
1982.....	98	79	93	91	119	121	154	153	128	144	131	111	1,417
1983.....	113	94	83	91	91	127	121	117	131	153	115	95	1,331
1984.....	93	84	104	94	125	143	175	174	135	153	134	142	1,556
1985.....	108	91	77	133	137	167	146	136	131	135	161	147	1,569
1986.....	86	77	103	127	131	175	186	176	131	144	159	137	1,632

TREND DATA FOR FATAL ACCIDENTS

Trend Data	1982	1983	1984	1985	1986
AGE OF PERSONS KILLED, TOTAL					
0 - 4 years	22	23	29	35	28
5 - 9 years	37	35	37	57	32
10 - 14 years	48	47	54	55	61
15 - 19 years	219	222	249	216	268
20 - 24 years	223	232	242	238	251
25 - 34 years	297	269	330	317	316
35 - 44 years	146	152	168	182	190
45 - 54 years	122	109	113	119	119
55 - 64 years	118	80	121	121	104
65 - 74 years	80	65	110	104	118
75 years and over	100	95	101	124	143
Not Stated	5	2	2	1	2
TOTALS	1,417	1,331	1,556	1,569	1,632
AGE OF PERSONS KILLED, PEDESTRIANS					
0 - 4 years	9	9	7	6	7
5 - 9 years	19	18	18	26	20
10 - 14 years	10	15	12	16	19
15 - 19 years	21	34	29	25	25
20 - 24 years	32	26	13	18	21
25 - 34 years	37	39	50	42	36
35 - 44 years	24	23	27	33	24
45 - 54 years	15	12	21	13	17
55 - 64 years	20	20	27	24	19
65 - 74 years	12	15	20	18	24
75 years and over	28	30	25	29	25
Not Stated	0	0	1	1	2
TOTALS	227	241	250	251	239
AGE OF DRIVERS INVOLVED					
15 years and under	9	11	13	15	23
16 years	44	41	49	65	53
17 years	59	56	73	69	78
18 - 19 years	159	141	184	170	174
20 - 24 years	352	344	384	408	399
25 - 34 years	494	464	556	548	559
35 - 44 years	244	249	301	318	348
45 - 54 years	201	162	173	188	191
55 - 64 years	154	124	150	159	159
65 years and over	148	135	174	185	211
Not Stated	63	37	58	64	39
TOTALS	1,927	1,764	2,115	2,189	2,234
PEDESTRIAN ACTION					
Crosssing at intersection	42	32	47	51	59
Cross not at intersection	78	98	88	96	96
In road with traffic	38	23	23	25	15
In road against traffic	5	9	6	3	8
Standing or lying in road	36	48	39	12	14
Pushing/working on vehicle	4	4	3	4	5
Other working in road	1	0	0	1	3
Playing in road	0	0	0	1	1
In road for other reason	4	8	10	24	15
Not in road	17	18	24	18	14
Other or not stated	2	1	10	16	9
TOTALS	227	241	250	251	239

FATAL ACCIDENTS AND PERSONS KILLED FOR SELECTED HOLIDAY PERIODS IN MICHIGAN

Holiday	Fatal Accidents	Persons Killed
MEMORIAL DAY		
1986 (3).....	14	16
1985 (3).....	18	23
1984 (3).....	14	18
1983 (3).....	11	13
1982 (3).....	9	9
FOURTH OF JULY		
1986 (3).....	23	23
1985 (4).....	15	17
1984 (1).....	8	8
1983 (3).....	21	22
1982 (3).....	28	30
LABOR DAY		
1986 (3).....	18	21
1985 (3).....	14	17
1984 (3).....	17	19
1983 (3).....	17	17
1982 (3).....	21	21
THANKSGIVING		
1986 (4).....	15	17
1985 (4).....	22	23
1984 (4).....	18	19
1983 (4).....	11	12
1982 (4).....	23	27
CHRISTMAS		
1986 (2).....	9	9
1985 (2).....	7	9
1984 (4).....	18	20
1983 (3).....	5	5
1982 (3).....	16	19
NEW YEARS		
1986 (2).....	7	8
1985 (2).....	4	5
1984 (4).....	25	25
1983 (3).....	8	8
1982 (3).....	9	9

Summary for 1986

This schedule shows traffic death tolls in Michigan for the past five years for the major holiday periods.

Based on the total 1986 experience, deaths averaged 4.5 per day.

All weekend deaths, Saturdays and Sundays, plus six hours of the preceding Fridays, totaled 681 which is an average of 13.1 deaths per weekend.

From experience, it is evident that Michigan's highways have their share of tragedies.

Figures in parentheses show number of full days in each holiday period.
Deaths are for these days plus the last six hours of the preceding day.

MOTOR VEHICLE TRAFFIC ACCIDENT AND RELATED DATA

Year	Deaths	Injuries	Accidents	Estimated Mileage (Millions)	Motor Vehicle Registrations*	Death Rate**
1943	992	21,988	71,450	10,530.0	1,542,798	9.4
1944	1,034	23,401	72,013	10,651.0	1,505,246	9.7
1945	1,150	27,755	83,160	11,915.6	1,483,466	9.7
1946	1,470	34,479	110,631	16,191.1	1,619,541	9.1
1947	1,447	38,195	137,619	17,661.1	1,850,274	8.2
1948	1,512	40,892	140,172	19,069.2	2,030,685	7.9
1949	1,441	41,197	143,197	19,990.4	2,203,375	7.2
1950	1,605	45,734	161,750	21,494.5	2,439,593	7.5
1951	1,640	48,418	176,587	22,668.1	2,560,652	7.2
1952	1,736	49,119	160,829	23,093.1	2,586,834	7.5
1953	1,905	57,834	184,174	25,346.9	2,808,921	7.5
1954	1,793	56,444	185,534	26,041.2	2,889,740	6.9
1955	2,016	62,234	196,812	28,282.5	3,149,323	7.1
1956	1,746	61,158	197,995	28,429.3	3,173,704	6.1
1957	1,548	60,067	191,915	29,252.2	3,256,150	5.3
1958	1,382	57,767	177,934	29,411.3	3,157,441	4.7
1959	1,473	64,873	198,771	30,679.0	3,252,492	4.8
1960	1,604	91,026	209,724	31,842.4	3,352,234	5.0
1961	1,567	93,350	199,973	32,101.5	3,395,736	4.9
1962	1,574	108,143	233,078	34,498.0	3,498,758	4.6
1963	1,867	126,896	261,794	36,452.2	3,646,080	5.2
1964	2,122	144,623	284,444	38,617.6	3,860,791	5.5
1965	2,136	155,258	310,598	40,857.4	4,066,826	5.2
1966	2,298	156,694	302,880	43,940.1	4,133,199	5.2
1967	2,137	151,297	299,004	45,053.6	4,161,573	4.7
1968	2,392	160,413	305,495	48,047.4	4,327,885	5.0
1969	2,487	175,400	331,223	50,904.9	4,560,097	4.9
1970	2,177	161,719	313,715	53,148.1	4,683,919	4.1
1971	2,152	157,664	314,015	55,539.7	4,835,146	3.9
1972	2,258	178,929	359,745	57,817.1	5,160,985	3.9
1973	2,213	169,485	350,864	58,478.4	5,442,233	3.8
1974	1,875	141,132	324,763	55,748.7	5,652,406	3.4
1975	1,811	147,299	333,560	56,260.5	5,744,441	3.2
1976	1,955	162,894	365,600	61,638.0	5,861,908	3.2
1977	1,950	166,389	374,751	64,853.0	6,138,732	3.0
1978	2,076	169,202	389,193	67,380.0	6,436,365	3.1
1979	1,849	162,571	366,435	64,882.3	6,536,246	2.8
1980	1,774	144,972	314,594	61,190.1	6,570,735	2.9
1981	1,589	136,455	302,831	62,000.0	6,140,286	2.6
1982	1,417	130,061	294,971	61,321.0	6,400,942	2.3
1983	1,331	135,811	300,797	63,560.1	6,443,499	2.1
1984	1,556	150,740	335,193	65,727.0	6,509,192	2.4
1985	1,569	157,417	389,904	68,413.0	6,857,364	2.3
1986	1,632	158,032	400,694	70,622.0	6,952,263	2.3

*Excludes trailers and trailer coaches.
**Deaths per 100 million miles of travel.